A catalog of

Nearctic Chironomidae

Catalogue des

Chironomidae de la région néarctique

D.R. Oliver and M.E. Dillon

Biosystematics Research Centre
Ottawa, Ontario
K1A 0C6

and

P.S. Cranston

Commonwealth Scientific and
Industrial Research
Organization, Entomology
Canberra ACT 2601
Australia

D.R. Oliver et M.E. Dillon

Centre de recherches biosystématiques
Ottawa (Ontario)
K1A 0C6

et

P.S. Cranston

Organisation de la recherche
scientifique et industrielle du
Commonwealth, Entomologie
Canberra ACT 2601
Australie

Research Branch
Agriculture Canada

Publication 1857/B
1990

Direction générale de la recherche
Agriculture Canada

Publication 1857/B
1990

91-02779/

©Minister of Supply and Services Canada 1990

Available in Canada through
Authorized Bookstore Agents
and other bookstores

or by mail from

Canadian Government Publishing Centre
Supply and Services Canada
Ottawa, Canada K1A 0S9

Cat. No. A43-1857/1990
ISBN 0-660-55839-4

Price subject to change without notice

Canadian Cataloguing in Publication Data

Oliver, D.R.

A catalog of Nearctic Chironomidae

(Publication ; 1857/B)

Text in English and French.
Includes bibliographical references.
Issued by Research Branch, Agriculture Canada.
Cat. No. A43-1857/1990E
ISBN 0-660-55839-4

1. Chironomidae--America.
2. Chironomidae--Nomenclature. I. Dillon, M.E. II. Cranston, P.S. III. Canada. Agriculture Canada. IV. Title. V. Title: Catalogue des Chironomidae de la région néarctique. VI. Title: Nearctic Chironomidae. VII. Series: Publication (Canada. Agriculture Canada). English ; 1857/E.

QL537.C45604 1990 595.77'1 C90-099111-9E

©Ministre des Approvisionnements et Services Canada 1990

En vente au Canada par l'entremise de nos agents libraires agréés et autres libraires

ou par la poste au

Centre d'édition du gouvernement du Canada
Approvisionnements et Services Canada
Ottawa (Canada) K1A 0S9

N° de cat. A43-1857/1990
ISBN 0-660-55839-4

Prix sujet à changement sans préavis

Données de catalogage avant publication (Canada)

Oliver, D.R.

A catalog of Nearctic Chironomidae

(Publication ; 1857/B)

Texte en anglais et en français.
Compread des références bibliogr.
Publié par Direction générale de la recherche, Agriculture Canada
N° de cat. A43-1857/1990F
ISBN 0-660-55839-4

1. Chironomidae--Amérique. 2. Chironomidae--Nomenclature. I. Dillon, M.E. II. Cranston, P.S. III. Canada. Agriculture Canada. IV. Titre. V. Titre: Catalogue des Chironomidae de la région néarctique. VI. Titre: Chironomidae de la région néarctique. VII. Collection: Publication (Canada. Agriculture Canada). Français ; 1857/F.

QL537.C45604 1990 595.77'1 C90-099111-9F

Cover
Adult male of *Chironomus plumosus* (Linnaeus)

Produced by Research Program Service

Couverture
Mâle adulte du *Chironomus plumosus* (Linnaeus)

Production du Service aux programmes de recherches

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INTRODUCTION

Adults of the family Chironomidae are commonly called chironomids, midges, nonbiting midges, or chironomid midges, and the red larvae of some groups are called bloodworms. Chironomid larvae occur in all types of aquatic and semiaquatic habitats and to a lesser extent in brackish and marine waters, and semiterrestrial and terrestrial habitats. Aquatic ecosystems are usually dominated by larval chironomids, in terms of number of species, biomass, or both. They are important in the breakdown of organic material and recycling nutrients, as food for fish, birds, and both terrestrial and aquatic invertebrates, and as predators of aquatic invertebrates. Some species can tolerate the most polluted conditions, whereas others have very special requirements and quickly disappear when their habitat is stressed. Thus the Chironomidae have exceptional potential to act as biological indicators of aquatic environmental health.

The family is distributioned around the world, occurring in all zoogeographical regions, including Antarctica. Currently 10 subfamilies and 24 tribes (Ashe 1983) are recognized, of which 7 subfamilies and 14 tribes occur in the Nearctic region. A minimum of 5000 species are found around the world and at least 2000 of these in the Nearctic region.

The nonspecialist was faced, until recently, with two generic classifications. This dual system arose during the first half of this century, because one group of workers principally emphasized the immature stages and the other emphasized adults. Pinder (1983) gives a brief history of the development of the two systems and their reconciliation. Reconciliation of the two systems has culminated in the classification used in the three volumes of the *Chironomidae of the Holarctic region* edited by Wiederholm (1983, 1986, 1989) and that classification is used herein.

The last catalog of Nearctic Chironomidae (Sublette and Sublette 1965) was published about 25 years ago. The intervening years has been a period of intense chironomid research, including much taxonomic and ecological study. The following table shows the increase in the number of valid generic- and species-level names between 1965 and 1989.

	Sublette and Sublette 1965	Oliver, Dillon and Cranston 1990
Genera	63	205
Species	601	1051

The need for an updated catalog of Nearctic Chironomidae is evident.

Accordingly we have prepared a catalog of the taxa of Chironomidae recorded from the Nearctic region, with information on their distribution and revelent literature. This catalog is based only on published data to the end of 1989; it does not include unpublished data in collections, such as the Canadian National Collection of Insects. We have attempted to list all published names, valid or not, that have been used in the literature pertaining to the Nearctic region. A few older faunal lists (Leonard 1928; Johnson 1925; Brimley 1938; Petch and Maltais 1932) are not included because they contain many obviously incorrect determinations. As the taxa are presented uncritically in their most recently published taxonomic position, it should not be construed that we are in agreement with all the taxonomic placements.

This catalog will be continuously updated with periodic publication of additions and corrections. To assist us in keeping an updated list, we request any errors or omissions, and copies of publications with information on taxonomy and distribution of Nearctic Chironomidae, be sent to either of the first two authors.

FORMAT

The arrangement of names is alphabetical, except for the subfamily-group names which follow the phylogenetic arrangement of the Holarctic Chironomidae volumes. Species-group names follow the subfamily, tribe, genus, and subgenus headings (not all groups have been assigned tribes or subgenera). The first occurrence of all valid names are printed in **boldface type** along the left margin of each column. Valid taxa that have been incorrectly reported from the Nearctic region are also listed along the left margin but they are printed in *italics* as are all other listing of names, valid or invalid.

Citations for genus-group names are arranged as in the following example.

Genus NANOCLADIUS Kieffer

Nanocladius Kieffer, 1913d: 31.
Type-species, *vitellinus* Kieffer (orig. des.).

Microcricotopus Thienemann & Harnisch, 1932: 137.
Type-species, *Cricotopus albicornis* Goetghebuer (Goetghebuer in Goetghebuer & Lenz, 1944: 114) = *Chironomus bicolor* Zetterstedt.

Subgenus Nanocladius Kieffer

The original citation is given in the second line, indented, followed by synonyms (if any), also indented. The genus name is followed by the original author, date, page, name of type-species, and nature of type fixation. The original type-species combination is cited, but the generic name is omitted if it is the same as the genus for which it is the type. If the original type-species is now a junior synonym, it is given at the end following an equal symbol (=). Only the authors of subsequent type fixation are cited. Much of the information about type fixation and synonyms has been obtained from Ashe (1983). This publication has detailed information on generic synonymy, type-species, and nomenclatorial problems. Subgeneric-name citation format follows that of the generic citations. Citations for nominate subgenera are omitted when they are the same as the generic citations; otherwise they follow the format of generic citations.

Species-group names are arranged as follows:

triannulatus. Sask., Ont. to N.Y., s. to Ky. and Del.; PA.

Chironomus triannulatus Macquart, 1826: 202.—Germany.

Cricotopus exilis Johannsen, 1905: 255.—N.Y.

The species name is followed by a synoptic account of the Nearctic region distribution stated by territory, province, or state in a northwest to northeast and southwest to southeast pattern, except for Greenland. Occurrence in other zoogeographical regions are listed next, separated by a semicolon. When a Mexican locality record occurs near the uncertain division between Nearctic and Neotropical regions, it is listed as occurring in both Mexico and the Neotropical region. The original binomial citation is next, followed by subspecies or varieties and then synonyms (if any), which are cited in their original form with author, date, page, and type-locality. Type-localities for Canada and the United States are listed by province, territory or state; all others are listed by country or larger geographical regions where country is not known.

ABBREVIATIONS

The abbreviations used are as follows:

General

&— and
e., E.— east, eastern
emend.— emended
I., Is.— Island, Islands
ICZN— International Commission on Zoological Nomenclature
misident.— misidentification
mon.— monotypy
nam.— name
n. nam.— new name
nom. nud.— nomen nudum
orig. des.— original designation
preocc.— preoccupied
s., S.— south, southern
se., Se.— southeast, southeastern
sub. mon.— subsequent monotypy
subg.— subgenus
syn.— synonym, synonymy
var.— variety
w.— west, western

Geographical Names

AF.— Afrotropical Region
Ala.— Alabama
Alas.— Alaska
Alta.— Alberta
Amer.— America
Ariz.— Arizona
Ark.— Arkansas
AU.— Australasian Region
Baja Calif.— Baja California
B.C.— British Columbia
Calif.— California
Can.— Canada
Colo.— Colorado
Conn.— Connecticut
D.C.— District of Columbia
Del.— Delaware
Fla.— Florida
Ga.— Georgia
Grld.— Greenland
Ill.— Illinois
Ind.— Indiana
Kans.— Kansas
Ky.— Kentucky

Ky.— Kentucky
La.— Louisiana
Labr.— Labrador
Man.— Manitoba
Mass.— Massachusetts
Md.— Maryland
Mex.— Mexico
Mich.— Michigan
Minn.— Minnesota
Miss.— Mississippi
Mo.— Missouri
Mont.— Montana
N.B.— New Brunswick
N.C.— North Carolina
N. Dak.— North Dakota
NE.— Nearctic Region
Nebr.— Nebraska
Nev.— Nevada
Nfld.— Newfoundland
N.H.— New Hampshire
N.J.— New Jersey
N. Mex.— New Mexico
N.S.— Nova Scotia
NT.— Neotropical Region
N.W.T.— Northwest Territories
N.Y.— New York
Okla.— Oklahoma
Ont.— Ontario
OR.— Oriental Region
Oreg.— Oregon
PA.— Palaearctic Region
Pa.— Pennsylvania
P.E.I.— Prince Edward Island
Qué.— Québec
R.I.— Rhode Island
Sask.— Saskatchewan
S.C.— South Carolina
S. Dak.— South Dakota
Tenn.— Tennessee
Tex.— Texas
U.S.A.— United States of America
U.S.S.R.— Union of Soviet Socialist Republics
Va.— Virginia
Vt.— Vermont
Wash.— Washington
Wis.— Wisconsin
W. Va.— West Virginia
Wyo.— Wyoming
Y.T.— Yukon Territory

ACKNOWLEDGMENTS

We gratefully acknowledge Mr. B. Caldwell for checking several drafts. The late Dr. Sam Roback checked an early draft of the subfamily Tanypodinae. We thank Mr. L. Speers for formatting the manuscript for printing, and Ms. L. Robillard for typing some of the references.

INTRODUCTION

Les adultes de la famille des chironomidés sont communément appelés chironomes ou moucherons et les larves d'un rouge sang de certains groupes sont les vers de vase utilisés par les pêcheurs. On trouve des larves de chironomidés dans tous les types d'habitats aquatiques et semi-aquatiques et, dans une moindre mesure, dans les eaux saumâtres ou marines de même que dans les habitats semi-terrestres et terrestres. Les écosystèmes aquatiques sont habituellement dominés par les formes larvaires, en ce qui touche le nombre d'espèces, la biomasse ou les deux. Ces insectes jouent un rôle important dans la dégradation de la matière organique et le recyclage des éléments nutritifs ou comme nourriture pour les poissons, les oiseaux ainsi que les invertébrés tant terrestres qu'aquatiques ou encore comme prédateurs des invertébrés aquatiques. Certaines espèces peuvent tolérer des conditions de pollution extrême, alors que d'autres, très spécialisées, disparaissent rapidement quand leur habitat est menacé. Les chironomidés possèdent donc un potentiel exceptionnel comme indicateurs biologiques de la santé du milieu aquatique.

Cette famille, de répartition mondiale, est présente dans toutes les régions zoogéographiques, y compris l'Antarctique. On reconnaît actuellement 10 sous-familles et 24 tribus (Ashe 1983), dont 7 sous-familles et 14 tribus dans la région néarctique. La planète compte un minimum de 5 000 espèces dont au moins 2 000 dans cette région-là.

Jusqu'à récemment, le profane se retrouvait devant deux classifications génériques. Ce double système a pris forme au cours de la première moitié du siècle, un groupe de chercheurs ayant mis l'accent sur les stades immatures et l'autre sur les adultes. Pinder (1983) trace un bref historique du développement des deux systèmes et de leur rapprochement. La réconciliation des deux systèmes a atteint un point culminant dans la classification utilisée dans les trois volumes de *Chironomidae of the Holarctic region* édité par Wiederholm (1983, 1986, 1989), et c'est cette classification que l'on utilise dans le présent ouvrage.

Le dernier inventaire des chironomidés néarctiques (Sublette et Sublette 1965) a été publié il y environ 25 ans. Les années qui suivirent furent une période de recherches intenses sur les chironomidés, surtout leur taxinomie et leur écologie. Le tableau suivant montre la multiplication des noms valide au niveau des genres et des espèces entre 1965 et 1989.

	Sublette et Sublette 1965	Oliver, Dillon et Cranston 1990
Genres	63	205
Espèces	601	1051

La nécessité d'un inventaire à jour des chironomidés est évidente.

C'est pourquoi nous avons dressé un répertoire des taxons des chironomidés dont la présence a été signalée dans la région néarctique, assorti d'informations sur leur répartition et la documentation pertinente. Ce catalogue n'est fondé que sur des données publiées jusqu'à la fin de 1989 et ne comprend pas les données non publiées que l'on trouve dans les collections comme l'Insectarium national canadien. Nous avons essayé d'énumérer tous les noms publiés, valides ou pas, qui ont été mentionnés dans la documentation relative à la région néarctique. Quelques vieilles listes fauniques (Leonard 1928; Johnson 1925; Brimely 1938; Petch et Maltais 1932) n'ont pas été prises en considération parce qu'elles contiennent de nombreuses appellations qui sont hors de tout doute incorrectes. Comme les taxons sans commentaires dans leur dernière position taxinomique publiée, il ne faudrait pas en conclure que nous y souscrivons dans tous les cas.

Le présent inventaire sera continuellement tenu à jour par la publication périodique d'ajouts et de corrections. Pour nous aider dans cette tâche, nous vous saurions gré de faire part à l'un ou l'autre des deux premiers auteurs nommés des erreurs ou des omissions qui auraient pu s'y glisser et de leur envoyer des exemplaires de publications contenant de l'information sur la taxinomie et la répartition des chironomidés.

MODE DE PRÉSENTATION

Les noms apparaissent en ordre alphabétique, sauf que ceux des groupes de sous-familles suivent l'organisation phylogénique des volumes sur les chironomidés holarctiques. Les noms des groupes d'espèces suivent les titres des sous-familles, tribus, genres et sous-genres (à

noter que ce ne sont pas tous les groupes qui se sont fait assigner des tribus et des sous-genres). La première fois qu'un nom valide apparaît, il est imprimé en **caractères gras** près de la marge de gauche de chaque colonne. Les taxons valides qui ont été signalés à tort comme de la région néarctique sont aussi énumérés le long de la marge de gauche, mais en *italique*, comme le sont d'ailleurs toutes les autres listes de noms, valides ou non.

Les citations pour les noms de groupes de genres se présentent comme suit :

Genus NANOCLADIUS Kieffer
Nanocladius Kieffer, 1913d: 31.
Type-species, *vitellinus* Kieffer (orig. des.).
Microcricotopus Thienemann & Harnisch, 1932: 137.
Type-species, *Cricotopus albicornis* Goetghebuer (Goetghebuer in Goetghebuer & Lenz, 1944: 114) = *Chironomus bicolor* Zetterstedt.

Subgenus Nanocladius Kieffer

La citation originale se trouve sur la deuxième ligne, en retrait, suivie des synonymes (s'il y a lieu), eux aussi en retrait. Le nom du genre est suivi du nom de l'auteur original, de la date, de la page, du nom de l'espèce type et de la nature de la fixation du type. L'espèce type originale est mentionnée, mais le genre est omis s'il est identique à celui dont elle est le type. Si le nom de l'espèce type originale est par contre un synonyme mineur, il apparaît à la fin après un symbole d'égalité (=). Seuls les auteurs de fixation de type ultérieure sont mentionnés. Une grande partie des informations sur la fixation des types et les synonymes sont tirées de Ashe (1983). Cette publication contient des renseignements détaillés sur la synonymie générique, les espèces types et les problèmes de nomenclature. Les citations des noms des sous-genres suivent celles des genres, sauf s'il s'agit de répétition (dans ce cas, elles sont alors omises).

Les noms des groupes d'espèces se présentent comme suit :

triannulatus. Sask., Ont. to N.Y., s. to Ky. and Del.; PA.
Chironomus triannulatus Macquart, 1826: 202.—Germany.
Cricotopus exilis Johannsen, 1905: 255.—N.Y.

Le nom de l'espèce est suivi d'un compte rendu synoptique de la répartition dans la région néarctique indiquée par le territoire, la province ou l'État, dans le sens nord-ouest à nord-est et sud-ouest à sud-est, sauf pour le Groenland. L'apparition de l'espèce dans d'autres régions zoogéographiques est énumérée ensuite et séparée par un point-virgule. Quand l'apparition d'une espèce est indiquée dans une région du Mexique située près de la division imprécise entre les régions néarctique et néotropicale, elle est indiquée comme observable tant au Mexique que dans la région néotropicale. La citation binomiale originale apparaît ensuite, suivie des sous-espèces ou variétés, puis des synonymes (s'il y a lieu), qui sont mentionnés sous leur forme originale accompagnés du nom de l'auteur, de la date, de la page et de l'emplacement type. Les emplacements types pour le Canada et les États-Unis sont indiqués selon les frontières des provinces, des territoires ou des États; tous les autres suivent les frontières des pays ou encore des grandes régions géographiques si celui-ci n'est pas connu.

ABRÉVIATIONS

Les abréviations utilisées sont les suivantes :

Généralités
&— et
e., E.— est, de l'est, orientale
emend.— corrigé
I., Is.— île, îles
ICZN.— Commission internationale de nomenclature zoologique
misident.— erreur d'identification
mon.— monotypie
nam.— nom
n. nam.— nouveau nom
nom. nud.— nom seul
orig. des.— désignation originale
preocc.— déjà appliqué
s., S.— sud, du sud, méridional
se., Se.— sud-est, du sud-est
sub. mon.— monotypie ultérieure
subg.— sous-genre
syn.— synonyme, synonymie
var.— variété
w.— ouest, de l'ouest, occidental

Noms géographiques
AF.— région afrotropicale
Ala.— Alabama
Alas.— Alaska
Alta.— Alberta
Amer.— Amérique
Ariz.— Arizona
Ark.— Arkansas
AU.— région australasienne
Baja Calif.— Basse-Californie
B.C.— Colombie-Britannique
Calif.— Californie
Can.— Canada
Colo.— Colorado
Conn.— Connecticut
D.C.— District de Columbia
Del.— Delaware
Fla.— Floride
Ga.— Géorgie
Grld.— Groenland
Ill.— Illinois
Ind.— Indiana
Kans.— Kansas
Ky.— Kentucky
La.— Louisiane
Labr.— Labrador
Man.— Manitoba
Mass.— Massachusetts
Md.— Maryland
Mex.— Mexique
Mich.— Michigan
Minn.— Minnesota
Miss.— Mississippi
Mo.— Missouri
Mont.— Montana
N.B.— Nouveau-Brunswick
N.C.— Caroline du Nord
N. Dak.— Dakota du Nord
NE.— région néarctique
Nebr.— Nebraska
Nev.— Nevada
Nfld.— Terre-Neuve
N.H.— New Hampshire
N.J.— New Jersey
N. Mex.— Nouveau-Mexique
N.S.— Nouvelle-Écosse
NT.— région néotropicale
N.W.T.— Territoires du Nord-Ouest
N.Y.— New York
Okla.— Oklahoma
Ont.— Ontario
OR.— région orientale
Oreg.— Oregon
PA.— région paléarctique
Pa.— Pennsylvanie
P.E.I.— Île-du-Prince-Édouard
Qué.— Québec
R.I.— Rhode Island
Sask.— Saskatchewan
S.C.— Caroline du Sud
S. Dak.— Dakota du Sud
Tenn.— Tennessee
Tex.— Texas
U.S.A.— États-Unis d'Amérique
U.S.S.R.— Union des Républiques Socialistes Soviétiques
Va.— Virginie
Vt.— Vermont
Wash.— Washington
Wis.— Wisconsin
W. Va.— Virginie de l'Ouest
Wyo.— Wyoming
Y.T.— Territoire du Yukon

REMERCIEMENTS

Nous tenons à remercier M. B. Caldwell d'avoir vérifié plusieurs ébauches. Feu Dr Sam Roback a eu la bonté de vérifier une ébauche antérieure de la sous-famille des tanypodinés. Nous remercions également M. L. Speers d'avoir préparé le manuscrit pour l'impression et Mme L. Robitaille d'avoir dactylographié une partie de la bibliographie.

FAMILY CHIRONOMIDAE

Subfamily TELMATOGETONINAE

Genus TELMATOGETON Schiner
Telmatogeton Schiner, 1866: 931. Type-species, *sanctipauli* Schiner (orig. des.).
Paraclunio Kieffer, 1911b: 103. Type-species, *trilobatus* Kieffer (orig. des.).

alaskensis. Alas. s. to Calif.; Mex.
Telmatogeton alaskensis Coquillett, 1900: 395.—Alas.
japonicus. Coastal, N.Y., s. to Miss.; PA.; NT.; OR.; AU.
Telmatogeton japonicus Tokunaga, 1933: 95.—Japan.
macswaini. Calif.
Telmatogeton macswaini Wirth, 1949: 170.—Calif.
spinosus. Calif.
Paraclunio spinosus Hashimoto, 1973: 266.—Calif.
trilobatus. Oreg., Calif.
Paraclunio trilobatus Kieffer, 1911b: 105.—Calif.

Genus THALASSOMYA Schiner
Thalassomya Schiner, 1856: 219. Type-species, *frauenfeldi* Schiner (mon.).

bureni. Ky., N.C., s. to Miss. & Fla.; NT.
Thalassomya bureni Wirth, 1949: 167.—Fla.

Subfamily PODONOMINAE

Tribe BOREOCHLINI

Genus BOREOCHLUS Edwards
Boreochlus Edwards in Edwards & Thienemann, 1938: 152. Type-species, *thienemanni* Edwards (orig. des.).

gracilistylus. Alas., Alta., Wash., Wyo.
Boreochlus gracilistylus Brundin, 1966: 304.—Alta.
persimilis. Alas. to Qué., Calif. to Va.
Trichotanypus persimilis Johannsen, 1926: 99.—N.Y.
sinuaticornis. Wash., Mont., Calif.
Boreochlus sinuaticornis Brundin, 1966: 305.—Calif.

Genus LASIODIAMESA Kieffer
Lasiodiamesa Kieffer, 1924b: 48 (as subg. of *Syndiamesa* Kieffer, 1918a). Type-species, *Syndiamesa gracilis* Kieffer (orig. des.).

arietina. Ont., Qué., Wis., N.Y.
Tanypus arietinus Coquillett, 1908: 144.—N.Y.
brusti. N.W.T., Wyo., Minn.
Lasiodiamesa brusti Sæther, 1969: 15.—N.W.T.
rawsoni. Sask.
Lasiodiamesa rawsoni Brundin, 1966: 325.—Sask.
tenebrosa. Alas., N.W.T., B.C., Minn., N.H.
Tanypus tenebrosus Coquillett, 1905: 66.—N.H.
Linacerus piloala Garrett, 1925a: 9.—B.C.
Lasiodiamesa nearctica Brundin, 1966: 326.—N.W.T.
sphagnicola. Ont.; PA.
Isoplastus sphagnicola Kieffer, 1925c: 16.—U.S.S.R.

Genus PARABOREOCHLUS Thienemann
Paraboreochlus Thienemann, 1939: 166. Type-species, *Tanypus minutissimus* Strobl (orig. des.).

stahli. Pa., Kans.
Paraboreochlus stahli Coffman in Coffman, Ferrington & Seward, 1988: 192.—Pa.

Genus TRICHOTANYPUS Kieffer
Trichotanypus Kieffer, 1906a: 42. Type-species, *Tanypus posticalis* Lundbeck (mon.).

alaskensis. Alas.
Trichotanypus alaskensis Brundin, 1966: 315.—Alas.
foliaceus. Alas.
Trichotanypus foliaceus Wirth & Sublette, 1970: 343.—Alas.
hanseni. Wyo.
Trichotanypus hanseni Wirth & Sublette, 1970: 347.—Wyo.

mariae. Alas.
Trichotanypus mariae Wirth & Sublette, 1970: 345.—Alas.
posticalis. N.W.T., Grld.; PA.
Tanypus posticalis Lundbeck 1898: 295.—Grld.

Tribe PODONOMINI

Genus PAROCHLUS Enderlein
Parochlus Enderlein, 1912: 109. Type-species, *fuegianus* Enderlein (orig. des.).
Paratanypus Garrett, 1925a: 8. Type-species *kiefferi* Garrett (orig. des.).

kiefferi. Alas. to N.B., s. to Calif. & N. Mex., Grld.; PA.
Paratanypus kiefferi Garrett, 1925a: 8.—B.C.
Tanypus tibialis Staeger, 1845: 354 (preocc. Say, 1823).—Grld.
Podonomus peregrinus Edwards, 1929: 296.—Scotland.

Subfamily TANYPODINAE

Tribe COELOTANYPODINI

Genus CLINOTANYPUS Kieffer
Clinotanypus Kieffer, 1913c: 157. Type-species, *Procladius fuscosignatus* Kieffer (Sublette & Sublette, 1965: 145).

Subgenus APONTEUS Roback
Aponteus Roback, 1971: 25. Type-species, *Clinotanypus sabensis* Roback (orig. des.).

sabensis. Tex.
Clinotanypus sabensis Roback, 1971: 25.—Tex.

Subgenus CLINOTANYPUS Kieffer

aureus. Kans., La., Fla.
Clinotanypus aureus Roback, 1971: 25.—La.
pinguis. Man., Ont., widespread U.S.A.
Tanypus pinguis Loew, 1861a: 308.—N.Y.
Tanypus flavicinctus Loew, 1861a: 309.—Pa.
Tanypus thoracicus Loew, 1866: 4.—D.C.
Procladius caliginosus Johannsen, 1905: 131.—N.Y.
planus. Fla.
Clinotanypus planus Roback, 1971: 24.—Fla.
wirthi. Fla.
Clinotanypus wirthi Roback, 1971: 24.—Fla.

Genus COELOTANYPUS Kieffer
Coelotanypus Kieffer, 1913c: 154. Type-species, *Tanypus humeralis* Loew (orig. des.).

atus. Kans., La., Tex., Mex.; NT.
Coelotanypus atus Roback, 1971: 37.—Tex.
concinnus. Ill., Neb. to Pa., s. to N. Mex. & Fla.
Tanypus concinnus Coquillett, 1895: 308.—Fla.
Coelotanypus flavus Kieffer, 1923a: 296.—Tex.
naelis. Tex.; NT.
Coelotanypus naelis Roback, 1963b: 170.—Surinam.
scapularis. Ont., Ohio, e. U.S.A., s. to N. Mex., Kans., Tex., Mex.; NT.
Tanypus scapularis Loew, 1866: 2.—D.C.
tricolor. Kans., Ill., N. Mex. to N.C., s. to Fla.
Tanypus tricolor Loew, 1861a: 309.—N.Y.

Tribe MACROPELOPIINI

Genus ALOTANYPUS Roback
Alotanypus Roback, 1971: 95. Type-species, *Tanypus venustus* Coquillett (orig. des.).

aris. N.H., W. Va., N.C., S.C., Ala., Ga.
Alotanypus aris Roback, 1971: 97.—N.C.
venusta. Wash., Wyo., Utah, Calif. to N. Mex.
Tanypus venustus Coquillett, 1902b: 91.—N. Mex.

Genus APSECTROTANYPUS Fittkau
Apsectrotanypus Fittkau, 1962: 141. Type-species, *Tanypus trifascipennis* Zetterstedt (orig. des.).

algens. Alas., Alta., Wash., Oreg.
Tanypus algens Coquillett, 1902b: 90.—Alas.

florens. Alta., Man., Wash., Wyo., Calif., Nev., Colo., Ariz.
Tanypus florens Johannsen, 1908: 272.—Colo., Wash., N.Y.

johnsoni. Sask., Qué., N.H., N.J., N.C., S.C., Fla.
Tanypus johnsoni Coquillett, 1901b: 609.—N.J.

Genus BETHBILBECKIA Fittkau & Murray
Bethbilbeckia Fittkau & Murray, 1988: 253. Type-species, *floridensis* (orig. des.).

floridensis. Fla.
Bethbilbeckia floridensis Fittkau & Murray, 1988: 254.—Fla.

Genus BRUNDINIELLA Roback
Brundiniella Roback, 1978b: 141 (n. nam. for *Brundinia* Roback).
Brundinia Roback, 1978a: 168 (preocc. Tottenham, 1949). Type-species, *Anatopynia eumorpha* Sublette (orig. des.).

eumorpha. Ont., Wash. to Pa., s. to Calif. & W. Va.
Anatopynia eumorpha Sublette, 1964a: 107.—Calif.

Genus DEROTANYPUS Roback
Derotanypus Roback, 1971: 91. Type-species, *Anatopynia aclines* Sublette (orig. des.).
Merotanypus Roback, 1971: 94. Type-species, *Tanypus alaskensis* Malloch (orig. des.).

aclines. Alas., Wash., Oreg., Idaho, Utah, Wyo., Calif., Nev.
Anatopynia aclines Sublette, 1964a: 104.—Calif.
Derotanypus aclines var. *aclines* Roback, 1971: 93.—Utah, Wyo.

alaskensis. Alas. to N.W.T., B.C. to Man.
Tanypus alaskensis Malloch, 1919: 35.—Alas.
Anatopynia centralis Malloch, 1934: 13.—N.W.T.

Genus FITTKAUIMYIA Karunakaran
Fittkauimyia Karunakaran, 1969: 75. Type-species, *disparipes* (orig. des.).
Parapelopia Roback, 1971: 91. Type-species, *serta* Roback (mon).

serta. Fla.
Parapelopia serta Roback, 1971: 91.—Fla.

Genus MACROPELOPIA Thienemann
Macropelopia Thienemann in Thienemann & Kieffer, 1916: 497. Type-species, *Isoplastus bimaculatus* Kieffer (orig. des.) = *Tanypus nebulosus* Meigen.

decedens. B.C. to Qué. & R.I., Utah, Wyo., Colo., Ky., N.C., s. to Miss. & Fla.
Tanypus decedens Walker, 1848: 22.—Ont.
Tanypus hirtipennis Loew, 1866: 5.—Maine.
Anatopynia dena Roback in Sublette & Sublette, 1965: 145 (n. nam. for *Anatopynia brunnea* Roback, 1955: 2, preocc. Edwards, 1931).—Mass.

Genus PSECTROTANYPUS Kieffer
Psectrotanypus Kieffer, 1909: 42. Type-species, *brevicalcar* Kieffer (Fittkau, 1962: 129) = *Tipula varia* Fabricius.

discolor. Wash., Wis., N.H., S.C.
Tanypus discolor Coquillett, 1902b: 89.—N.H.

dyari. B.C. to Ont., s. to Calif. & Fla.
Tanypus dyari Coquillett, 1902a: 85.—Mich.
Tanypus guttularis Coquillett, 1902b: 92.—Wash.
Tanypus garretti Walley, 1925: 275.—B.C.

pictipennis. Grld., PA.
Tanypus pictipennis Zetterstedt, 1838: 818.—Grld.

Genus RADOTANYPUS Fittkau & Murray
Radotanypus Fittkau & Murray, 1985: 209. Type-species, *Anatopynia submarginella* Sublette (orig. des.).

submarginella. Oreg., Calif., Colo., Wyo.
Anatopynia submarginella Sublette, 1964a: 103.—Calif.

Tribe NATARSIINI

Genus NATARSIA Fittkau
Natarsia Fittkau, 1962: 151. Type-species, *Chironomus punctatus* Fabricius (orig. des.).

miripes. Calif.
Tanypus miripes Coquillett, 1905: 65.—Calif.

baltimoreus. N.W.T., e. of Rockies to Kans. & Fla.
Tanypus baltimoreus Macquart, 1855: 35.—Md.
Ablabesmyia fastuosa Johannsen, 1905: 153.—N.Y.

Tribe PENTANEURINI

Genus ABLABESMYIA Johannsen
Ablabesmyia Johannsen, 1905: 135. Type-species, *Tipula monilis* Linnaeus (Johannsen, 1907a: 400).

Subgenus ABLABESMYIA Johannsen

aspera. B.C. to Maine, s. to Calif. to Fla.
Pentaneura aspera Roback, 1959a: 124.—Maine.
Pentaneura gera Roback, 1959a: 126.—N.H.

hauberi. Man., Ont., N.Y., Pa., N.J., Ky., s. to Miss. & Fla.
Ablabesmyia hauberi Beck & Beck, 1966: 329.—Fla.

janta. N.W.T., Md., Pa., Tenn., S.C., Okla., Tex., Ga., Fla.
Pentaneura janta Roback, 1959a: 131.—Md.

johannseni. Ill.
Pentaneura johannseni Roback, 1959a: 131.—Ill.

mallochi. Widespread NE.
Tanypus mallochi Walley, 1925: 273.—Ont.
Pentaneura auriensis Roback, 1957a: 39.—Pa.
Pentaneura aequifasciata Dendy & Sublette, 1959: 507.—Ala.
Ablabesmyia ornata Beck & Beck, 1966: 328.—Fla.
Ablabesmyia tarella Roback, 1971: 368.—Fla.

monilis. Widespread NE.; PA.; OR.
Tipula monilis Linnaeus, 1758: 587.—'Europe'.
Ablabesmyia monilis var. *nigra* Roback, 1971: 378.—Ariz.
Tanypus basalis Walley, 1925: 273.—Ont.
Ablabesmyia americana Fittkau, 1962: 430 (n. nam. for *Tipula monilis*, Johannsen, 1905: 142, not Linnaeus 1758, misident.).

parajanta. Ont., N.Y., Neb. to Pa., s. to Miss. & Fla.
Ablabesmyia parajanta Roback, 1971: 373.—S.C.

rasha. N.H.
Ablabesmyia rasha Roback, 1971: 371.—N.H.

rhamphe. Minn. to Ohio, s. to N. Mex. & Fla.
Ablabesmyia rhamphe Sublette, 1964b: 114.—La.

simpsoni. N.Y., Pa., S.C.
Ablabesmyia simpsoni Roback 1985: 188.—N.Y.

Subgenus ASAYIA Roback
Asayia Roback, 1985: 177. Type-species *Tanypus annulatus* (orig. des.).

annulata. Sask. to Qué., s. to Calif. & Fla.
Tanypus annulatus Say, 1823: 15.—Pa.

Subgenus KARELIA Roback
Karelia Roback, 1971: 357. Type-species, *Tanypus illinoensis* Malloch (orig. des.).

alaskensis. Alas.
Ablabesmyia alaskensis Roback, 1971: 360.—Alas.

cinctipes. Calif., Nev., Ariz., N. Mex., Ky., s. to Miss. & Fla.
Pentaneura cinctipes Johannsen, 1946: 271.—Fla.

idei. Ont., N.Y., Pa., S.C.
Tanypus idei Walley, 1925: 272.—Ont.

illinoensis. N.W.T., Alta. to Qué., N.Y., Maine, Colo., N. Mex., Kans., W. Va.
Tanypus illinoensis Malloch, 1915b: 376.—Ill.

peleensis. Alas., widespread Can. & U.S.A.
Tanypus peleensis Walley, 1926a: 64.—Ont.

philosphagnos. B.C., Ont., N.B., Pa. to Miss. & Fla.
Ablabesmyia philosphagnos Beck & Beck, 1966: 330.—Fla.

pulchripennis. N.W.T., B.C. to Qué., Wash., Wyo., S. Dak., D.C., Col., Kans., Grld.
Tanypus pulchripennis Lundbeck, 1898: 293.—Grld.
Tanypus prudens Walley, 1925: 275.—Man.

Genus ARCTOPELOPIA Fittkau
Arctopelopia Fittkau, 1962: 194.
Type-species, *Tanypus barbitarsis* Zetterstedt (orig. des.).

cana. N.W.T.
Arctopelopia cana Roback, 1971: 253.—N.W.T.
melanosoma. Grld., PA.
Ablabesmyia melanosoma Goetghebuer, 1933: 20.—Grld.

Genus CANTOPELOPIA Roback
Cantopelopia Roback, 1971: 270.
Type-species, *Cantopelopia gesta* Roback (orig. des.).

gesta. Qué., Ill., N.Y., Fla.
Cantopelopia gesta Roback, 1971: 270.—Qué.

Genus CONCHAPELOPIA Fittkau
Conchapelopia Fittkau, 1957: 317.
Type-species, *Tanypus pallidus* Meigen (orig. des.).
Mesopelopia Roback, 1971: 252. Type species, *aleta* (mon).

aleta. Widespread in e. Can. & U.S.A.
Conchapelopia aleta Roback, 1971: 252.—N.Y.
bruna. Alas. to N.W.T.
Conchapelopia bruna Roback, 1971: 249.—N.W.T.
currani. Man. to Qué., Wyo., Iowa, N.Y., Ohio, s. to Miss. & Fla..
Tanypus currani Walley, 1925: 276.—Qué.
fasciata. Alta. to Ont., s. to Kans. & Fla.
Conchapelopia fasciata Beck & Beck, 1966: 346.—Fla.
Conchapelopia dusena Roback, 1971: 247.—N.Y.
melanops. Not NE.
Tanypus melanops Meigen, 1818: 65.— Not stated.
pallens. Alas. to Qué., s. to Calif. & Fla.
Tanypus pallens Coquillett, 1902b: 91.—N. Mex.
Pentaneura goniodes Sublette, 1964a: 89.—Calif.
Conchapelopia goniodes var. *trifida* Roback, 1971: 246.—Calif.
mera. Wash., Ariz.
Conchapelopia mera Roback, 1971: 246.—Wash.
paramelanops. N.Y., Va.
Conchapelopia paramelanops Roback, 1971: 249.—Va.
rurika. Man., Qué., s. to Kans. & Ga.
Pentaneura rurika Roback, 1957a: 34.—Pa.
telema. N.W.T. to Ont., Mont., N.Y., Ill., Kans., N.C.
Conchapelopia telema Roback, 1971: 247.—Alta.
varna. W. Va.
Conchapelopia varna Roback, 1981: 93.—W. Va.

Genus DENOPELOPIA Roback & Rutter
Denopelopia Roback & Rutter, 1988: 118.
Type-species, *atria* (orig. des.).

atria. Fla.
Denopelopia atria Roback & Rutter, 1988: 120.—Fla.

Genus GUTTIPELOPIA Fittkau
Guttipelopia Fittkau, 1962: 251.
Type-species, *Tanypus guttipennis* Wulp (orig. des.).

guttipennis. N.W.T., Man., Ont., s. to Ala. & Fla.; PA.
Tanypus guttipennis Wulp, 1861: 16.—Netherlands.
Tanypus multipunctatus Curran, 1930: 29.—N.Y.
Guttipelopia currani Beck & Beck, 1966: 332.—Fla.
rosenbergi. Man., Ont.
Guttipelopia rosenbergi Bilyj, 1984: 659.—Man.

Genus HAYESOMYIA Murray & Fittkau
Hayesomyia Murray & Fittkau, 1985: 196.
Type-species *Tanypus tripunctatus* Goetghebuer (orig. des.).

senata. Alta. to N.S., s. to Calif., Kans. & Fla.
Tanypus senatus Walley, 1925: 276: —Ont.
Pentaneura chrysos Sublette, 1964a: 90.—Calif.
?*Chironomus unicolor* Walker, 1848: 19.—N.S.

Genus HELOPELOPIA Roback
Helopelopia Roback, 1971: 250 (as subg. of *Conchapelopia* Fittkau, 1957). Type-species, *Tanypus cornuticaudatus* Walley (orig. des.).

cornuticaudata. Alta. to Qué., N.Y., Ohio, Pa., Kans., N.C., S.C., Fla.
Tanypus cornuticaudatus Walley, 1925: 277.—Qué.
pilicaudata. N.W.T. to N.B., N.Y., N.C.
Tanypus pilicaudatus Walley, 1925: 277.—Ont.

Genus HUDSONIMYIA Roback.
Hudsonimyia Roback, 1979: 1. Type-species *karelena* Roback (orig. des.).

karelena. N.Y., N.C., S.C., Ga.
Hudsonimyia karelena Roback, 1979: 3.—S.C.
parrishi. Ga.
Hudsonimyia parrishi Caldwell & Soponis, 1982: 507.—Ga.

Genus KRENOPELOPIA Fittkau
Krenopelopia Fittkau, 1962: 262. Type-species, *Chironomus binotatus* Wiedemann (orig. des.).

hudsoni. S.C.
Krenopelopia hudsoni Roback, 1983: 254.—S.C.
narda. Alas., ?Oreg.
Krenopelopia narda Roback, 1971: 274.—Alas.

Genus LABRUNDINIA Fittkau
Labrundinia Fittkau, 1962: 372. Type-species, *Tanypus longipalpis* Goetghebuer (orig. des.).

becki. Okla., Ky., N.C., s. to Miss. & Fla.
Labrundinia becki Roback, 1971: 279.—Fla.
johannseni. Ky., N.C., s. to Miss. & Fla.
Labrundinia johannseni Beck & Beck, 1966: 342.—Fla.
maculata. Calif., Kans., N. Mex., Tex., N.C., Mex.; NT.
Labrundinia maculata Roback, 1971: 278.—Calif.
neopilosella. Neb., Ky., N.Y., N.C., s. to Miss. & Fla.
Labrundinia neopilosella Beck & Beck, 1966: 341.—Fla.
pilosella. Alas. to Qué., s. to Ariz. & Fla.; NT.
Tanypus pilosellus Loew, 1866: 5.—D.C.
Labrundinia floridana Beck & Beck, 1966: 339.—Fla.
virescens. Pa. s. to Tex. & Fla.
Labrundinia virescens Beck & Beck, 1966: 341.—Fla.

Genus LARSIA Fittkau
Larsia Fittkau, 1962: 339. Type-species, *Ablabesmyia atrocincta* Goetghebuer (orig. des.).

berneri. Minn., Fla.
Larsia berneri Beck & Beck, 1966: 350.—Fla.
canadensis. Can. e. of Rockies.
Larsia canadensis Bilyj, 1984: 663.—Man.
decolorata. Wis., Mich., N.Y., Kans., Ill., Ohio, La., Fla.
Tanypus decoloratus Malloch, 1915b: 370.—Ill.
Larsia lurida Beck & Beck, 1966: 351.—Fla.
Larsia indistincta Beck & Beck, 1966: 352.—Fla.
lyra. Calif.
Pentaneura lyra Sublette, 1964a: 96.—Calif.
marginella. Qué., Ill., Kans.
Tanypus marginellus Malloch, 1915b: 374.—Ill.
planensis. Ont., Qué., Calif., Tex., Ohio, N.Y., Va., Mex.
Pentaneura planensis Johannsen, 1946: 284.—Tex.
sequoiaensis. Calif.
Pentaneura sequoiaensis Sublette, 1964a: 99.—Calif.

Genus MEROPELOPIA Roback
Meropelopia Roback, 1971: 253 (as subg. of *Arctopelopia* Fittkau, 1962). Type-species, *Ablabesmyia flavifrons* Johannsen (orig. des.).

americana. N.Y., Conn., N.J., Ohio, N.C., S.C., Kans.
Conchapelopia americana Fittkau, 1957: 320 (n. nam. for *Pentaneura vitellina* Johannsen, 1946: 281, not Kieffer, 1916, misident.).—Conn.
flavifrons. Alas., Alta. to Qué., s. to Calif., Fla.
Ablabesmyia flavifrons Johannsen, 1905: 150.—N.Y.
Pentaneura gesta Roback in Sublette & Sublette, 1965: 147 (n. nam. for *Pentaneura alba* Roback, 1957a: 32, preocc. Tokunaga, 1937).—Pa.
Arctopelopia fittkaui Beck & Beck, 1966: 348.—Fla.

Genus MONOPELOPIA Fittkau
Monopelopia Fittkau, 1962: 394. Type-species, *Tanypus tenuicalcar* Kieffer (orig. des.).

boliekae. B.C., Ont., Ky., N.C., s. to Miss. & Fla.
Monopelopia boliekae Beck & Beck, 1966: 335.—Fla.
tenuicalcar. B.C., Ont., N.B., Nfld., Calif., Fla.; PA.
Tanypus tenuicalcar Kieffer, 1918a: 182.—Czechoslovakia.
tillandsia. Ky., N.C., s. to Miss. & Fla.
Monopelopia tillandsia Beck & Beck, 1966: 336.—Fla.

Genus NILOTANYPUS Kieffer
Nilotanypus Kieffer, 1923b: 191. Type-species, *remotissimus* Kieffer (mon.).

americanus. Ga., N.C., S.C., Fla.
Nilotanypus americanus Beck & Beck, 1966: 345.—Fla.
dubius. Not NE.
Tanypus dubius Meigen, 1804: 25.—not stated.
fimbriatus. Widespread NE.
Chironomus fimbriatus Walker, 1848: 20.—Ont.
kansensis. Kans.
Nilotanypus kansensis Roback, 1986a: 458.—Kans

Genus PARAMERINA Fittkau
Paramerina Fittkau, 1962: 317. Type-species, *Chironomus cingulatus* Walker (orig. des.).

anomala. Ky., N.C., s. to Miss. & Fla.
Paramerina anomala Beck & Beck, 1966: 344.—Fla.
fragilis. N.W.T., B.C. to Qué., Oreg., Va.
Tanypus fragilis Walley, 1926b: 205.—Ont.
hanseni. Wash.
Paramerina hanseni Roback, 1971: 274.—Wash.
smithae. Wash., N. Dak., S. Dak., Calif., Utah, Wyo., N. Mex., Kans.
Pentaneura smithae Sublette, 1964a: 100.—Calif.
testa. Okla., Tex.
Paramerina testa Roback, 1971: 272.—Tex.

Genus PENTANEURA Philippi
Pentaneura Philippi, 1865: 629. Type-species, *grisea* Philippi (mon.).

inconspicua. Ont., Wash., s. to Ariz., Kans., Okla., Ill. to Pa., s. to Fla.
Tanypus inconspicuus Malloch, 1915b: 371.—Ill.
Pentaneura comosa Sublette, 1964a: 93.—Calif.
Pentaneura inculta Beck & Beck, 1966: 334.—Fla.
inyoensis. Calif., N.Y., Ill., Ark.
Pentaneura inyoensis Sublette, 1964a: 98.—Calif.

Genus REOMYIA Roback
Reomyia Roback, 1986b: 283. Type-species, *Zavrelimyia wartinbei* Roback (orig. des.).

wartinbei. Alas., Oreg.
Zavrelimyia wartinbei Roback, 1984: 17.—Alas.

Genus RHEOPELOPIA Fittkau
Rheopelopia Fittkau, 1962: 209. Type-species, *Tanypus ornatus* Meigen (orig. des.).

acra. Qué., Maine, Mich., s. to W. Va., Ga.
Thienemannimyia acra Roback, 1971: 243.— Mich.

paramaculipennis. Qué., Ill., Va.
Thienemannimyia paramaculipennis Roback, 1971: 243.—Va.
perda. Alta., Idaho, Ont., Minn., N.Y., Pa.
Thienemannimyia perda Roback, 1971: 244.—N.Y.

Genus TELOPELOPIA Roback
Telopelopia Roback, 1971: 255.
Type-species, *Tanypus okoboji* Walley (orig. des.).

okoboji. Man., Minn., Iowa, Ohio, Md., Va., Kans., N. Mex.
Tanypus okoboji Walley, 1928b: 582.—Iowa.

Genus THIENEMANNIMYIA Fittkau
Thienemannimyia Fittkau, 1957: 315.
Type-species, *Ablabesmyia geijskesi* Goetghebuer (orig. des.).

barberi. Wash. s. to Calif., Nev., Ariz., Kans., N. Mex.
Tanypus barberi Coquillett, 1902b: 90.—N. Mex.
fusciceps. Alas., N.W.T., B.C., Man., Calif., Wyo.; PA.
Pentaneura fusciceps Edwards, 1929: 290.—England.
norena. Man., Ont., Mich., Maine s. to Pa., Oreg., Kans.
Pentaneura norena Roback, 1957a: 38.—Pa.
Thienemannimyia norena var. *quadrata* Roback, 1971: 242.—Ill.

Genus TRISSOPELOPIA Kieffer
Trissopelopia Kieffer, 1923d: 178.
Type-species, *flavida* Kieffer (orig. des.).

ogemawi. Alta., Ont., Qué., Mich., N.Y., Pa., Ga.
Trissopelopia ogemawi Roback, 1971: 268.—Mich.

Genus XENOPELOPIA Fittkau
Xenopelopia Fittkau, 1962: 381.
Type-species, *Pelopia falcigera* Kieffer (orig. des.).

tincta. Calif.
Xenopelopia tincta Roback, 1971: 256.—Calif.

Genus ZAVRELIMYIA Fittkau
Zavrelimyia Fittkau, 1962: 285.
Type-species, *Tanypus melanurus* Meigen (orig. des.).

bifasciata. Man. to Nfld., U.S.A. s. to S.C.
Tanypus bifasciatus Coquillett, 1901b: 609.—N.J.
sinuosa. Alta. to Qué., s. to Kans. & Fla., Calif.
Tanypus sinuosus Coquillett, 1905: 65.—N.H.
Zavrelimyia carneosa Fittkau, 1962: 315 (n. nam. for *Ablabesmyia carnea* Johannsen, 1905: 140, not Fabricius, 1805, misident.).—N.Y.
Pentaneura fluminalis Sublette, 1964a: 88.—Calif.
thryptica. Alas., Alta., Oreg., Ont., N.Y., s. to Kans. & S.C., Calif.; ?PA.
Pentaneura thryptica Sublette, 1964a: 95.—Calif.

Incerta sedis in Pentaneurini
Tanypus futilis Wulp, 1867: 130.—Wis.

Nominen dubium in Pentaneurini
Ablabesmyia aurea Johannsen, 1907b: 110.—Kans.

Tribe PROCLADIINI

Genus DJALMABATISTA Fittkau
Djalmabatista Fittkau, 1968a: 328.
Type-species, *director* Fittkau (orig. des.).
Calotanypus Roback, 1971: 152 (as subg. of *Procladius* Skuse, 1889).
Type-species, *Protenthes pulcher* Johannsen (orig. des.).

pulcher. Ont., Qué., N.Y., Mich., Ohio, Pa., N.C., S.C., Fla., Ga.
Protenthes pulcher Johannsen, 1908: 273.—N.Y.
Tanypus apicalis Walley, 1926a: 64.—Qué.
Protenthes fasciger Curran, 1930: 29.—N.Y.
Procladius maculatus Roback, 1971: 152.—Fla.

Genus PROCLADIUS Skuse
Procladius Skuse, 1889: 283.
Type-species, *paludicola* Skuse (Coquillett, 1910: 594).

Subgenus HOLOTANYPUS Roback
Holotanypus Roback, 1982: 99 (n. nam. for subg. *Procladius* sensu Roback 1971, not Skuse 1889, misident.).
Type-species, *Tipula culiciformis* Linnaeus (orig. des.).

abetus. Alta., Ont.
Procladius abetus Roback, 1971: 185.—Alta.
barbatulus. Calif.
Procladius barbatulus Sublette, 1964a: 121.—Calif.
clavus. N.W.T., B.C.
Procladius clavus Roback, 1971: 187.—N.W.T.
culiciformis. N.W.T., B.C. to Ont., s. to Kans. & Fla., Calif., Nev., Ariz.; PA.
Tanypus culiciformis Linnaeus, 1767: 978.—Sweden.
Tanypus crassinervis Zetterstedt, 1838: 817.
Protenthes claripennis Malloch, 1915b: 387.—Mich.
curtus. Fla.
Procladius curtus Roback, 1971: 181.—Fla.
denticulatus. Widespread NE.
Procladius denticulatus Sublette, 1964a: 124.—Calif.
dentus. Alas., N.W.T., B.C. to Labr.
Procladius dentus Roback, 1971: 186.—Man.
desis. Alas., N.W.T.
Procladius desis Roback, 1971: 178.—Alas.
freemani. Alas., N.W.T., B.C. to Qué., s. to Calif. & Ga.
Procladius freemani Sublette, 1964a: 122.—Calif.
Procladius freemani var. *asetus* Roback, 1971: 172.—Ga., N.C., S.C.
Procladius freemani var. *brunneus* Roback, 1971: 171.—Nfld.
Procladius freemani var. *cretis* Roback, 1971: 172.—B.C.
Procladius freemani var. *elongatus* Roback, 1971: 172.—Fla., N.C., S.C.
gretis. N.W.T.
Procladius gretis Roback, 1971: 184.—N.W.T.
jeris. Alas.. N.W.T.
Procladius jeris Roback, 1971: 187.—Alas.
johnsoni. Ont., N.Y.
Procladius johnsoni Roback, 1980a: 43.—Ont.
paragretis. ?Alas., Grld.
Procladius paragretis Roback, 1971: 185.—Grld.
prolongatus. Alas., N.W.T.
Procladius prolongatus Roback, 1971: 188.—N.W.T.
ruris. N.W.T., B.C. to Labr., Minn.
Procladius ruris Roback, 1971: 182.—Alta.
Procladius ruris var. *grandis* Roback, 1971: 183.—N.W.T., B.C., Nfld.
sublettei. Widespread NE.
Procladius sublettei Roback, 1971: 191.—Calif.
Procladius sublettei var. *grandis* Roback, 1971: 193.—N.W.T., Sask., Ont.
Procladius sublettei var. *minuta* Roback, 1971: 194.—N.C., S.C., Fla.
vesus. Alas., N.W.T.
Procladius vesus Roback, 1971: 181.—N.W.T.
wilhmi. Tenn.
Procladius wilhmi Roback, 1966: 177.—Tenn.

Subgenus PSILOTANYPUS Kieffer
Psilotanypus Kieffer, 1906a: 39.
Type-species, *Tanypus bellus* Loew (Coquillett, 1910: 597).

bellus. N.W.T., B.C., Sask. to N.B., s. to Calif. & Fla.
Tanypus bellus Loew, 1866: 4.—D.C.
Procladius adumbratus Johannsen, 1905: 132.—N.Y.
Tanypus pusillus Loew, 1866: 5.—D.C.
Procladius flavidus Kieffer, 1923a: 297.—Tex.
Procladius malifero Garrett, 1925: 10.—B.C.
deltaensis. Man.
Procladius deltaensis Roback in Wrubleski & Roback, 1987: 208.—Man.
macrotrichus. Minn.
Procladius macrotrichus Roback, 1971: 168.—Minn.
nietus. B.C., Alta., Sask., Man.
Procladius nietus Roback, 1971: 168.—B.C.
riparius. Kans., Ill.
Protenthes riparius Malloch, 1915b: 389.—Ill.

Incerta sedis in Procladius

Procladius lundstromi Goetghebuer in Goetghebuer & Lenz, 1936: 11.—not stated.
Tanypus abrupta Garrett, 1925a: 8.—B.C.
Tanypus arcuata Garrett, 1925a: 7.—B.C.
Tanypus bifida Garrett, 1925a: 8.—B.C.
Tanypus trifolia Garrett, 1925a: 7.—B.C.
Trichotanypus vestitipennis Kieffer, 1917: 339.—N.Y.

Tribe TANYPODINI

Genus TANYPUS Meigen

Tanypus Meigen, 1803: 261. Type-species, *Tipula cincta* Fabricius (Latreille, 1810: 442; misident.). = *Tanypus punctipennis* Meigen.
Pelopia Meigen, 1800: 18. Type-species, *Tipula cincta* Fabricius (Coquillett, 1910: 586; misident.) = *Tanypus punctipennis* Meigen. Supressed by ICZN, 1963: 339.
Protenthes Johannsen, 1907a: 400. Type-species, *Tanypus punctipennis* Meigen (orig. des.).

Subgenus APELOPIA Roback

Apelopia Roback, 1971: 55. Type-species, *Tanypus neopunctipennis* Sublette (orig. des).

clavatus. Ky. to N.C., s. to Tex. & Fla.
Tanypus clavatus Beck, 1962: 92.—Fla.
grodhausi. Calif.
Tanypus grodhausi Sublette, 1964a: 116.—Calif.
imperialis. Calif., N. Mex.
Tanypus imperialis Sublette, 1964a: 112.—Calif.
neopunctipennis. Widespread U.S.A. e. of Rockies, Mex.; NT.
Tanypus neopunctipennis Sublette, 1964a: 118.—Ill.
nubifer. Man., Calif., Nev., Utah, N. Mex., Neb., Kans.
Tanypus nubifer Coquillett, 1905: 66.—Utah.

Subgenus TANYPUS Meigen

carinatus. Calif., Miss., Pa., S.C.
Tanypus carinatus Sublette, 1964a: 110.—Calif.
concavus. Iowa, Kans., Ark., Mich., Ohio, N.Y., Va., N.C., S.C., Tex.
Tanypus concavus Roback, 1971: 63.—Mich.
parastellatus. Calif., Nev., Ariz., Tex.
Tanypus parastellatus Sublette, 1964a: 113.—Calif.
punctipennis. B.C., Sask. to Qué., Calif. to Md., Ala., S.C., Fla.; PA.; OR.
Tanypus punctipennis Meigen, 1818: 61.—Not stated.
stellatus. Alta., Ont., Utah to Pa., s. to Tex. & Fla.
Tanypus stellatus Coquillett, 1902b: 89.—Tex.
telus. Fla.
Tanypus telus Roback, 1971: 68.—Fla.
vilipennis. Man., Wis., Mich.; PA.
Protenthes vilipennis Kieffer, 1918a: 164.—Hungary.

Nomen dubium in Tanypodinae

Tanypus pubitarsis Zetterstedt, 1850: 3603.—Grld.; Sweden.

Subfamily DIAMESINAE

Tribe BOREOHEPTAGYIINI

Genus BOREOHEPTAGYIA Brundin

Boreoheptagyia Brundin, 1966: 420. Type-species, *Heptagia rugosa* Saunders (orig. des.).

lurida. Alas., B.C., N.Y., Wash., Wyo.
Diamesa lurida Garrett, 1925a: 6.—B.C.

Tribe DIAMESINI

Genus ARCTODIAMESA Makarchenko

Arctodiamesa Makarchenko, 1983: 264. Type-species, *Diamesa appendiculata* Lundström (orig. des.).
appendiculata. Alas.; PA.
Diamesa appendiculata Lundström, 1915: 23.—Siberia.

Genus DIAMESA Meigen

Diamesa Meigen in Gistl, 1835: 66. Type-species, *cinerella* Meigen in Gistl (orig. des.).

Adiamesa Kieffer, 1906a: 36.
Type-species, *Chironomus tonsus* Walker, 1956a: 195 (mon.).
Eutanypus Coquillett, 1899: 341.
Type-species, *borealis* Coquillett (orig. des.).
Psilodiamesa Kieffer, 1918a: 104.
Type-species, *Psilodiamesa spitzbergensis* Kieffer (orig. des.).

aberrata. Alas., Wyo., Grld.; PA.; OR.
Diamesa aberrata Lundbeck, 1898: 289.—Grld.

alpina. Alas.; PA.
Diamesa alpina Tokunaga, 1936: 539.—Japan.

amplexivirilia. B.C., Alta., Wash., Mont.; PA.
Diamesa amplexivirilia Hansen in Hansen & Cook, 1976: 53.—Wash.

ancysta. Alas., Wash., Idaho, Mont., Nev., Utah, Colo.
Diamesa ancysta Roback, 1959b: 1.—Mont.

arctica. Alas., N.W.T.; PA.
Chironomus arcticus Boheman, 1865: 574.—Spitzbergen.

bertrami. Grld.; PA.
Diamesa bertrami Edwards, 1935: 470.—Grld.

bohemani. N.W.T., Grld.; PA.
Diamesa bohemani Goetghebuer, 1932a: 181.—Spitzbergen.

cheimatophila. N.Y.
Diamesa cheimatophila Hansen in Hansen & Cook, 1976: 68.—N.Y.

chiobates. Minn., Wis.
Diamesa chiobates Hansen in Hansen & Cook, 1976: 70.—Wis.

chorea. Alas., Calif., Wyo., Grld.
Diamesa chorea Lundbeck, 1898: 291.—Grld.

clavata. N.W.T.
Diamesa clavata Edwards, 1933: 615.—N.W.T.

colenae. Alas., Y.T., Wyo.
Diamesa colenae Hansen in Hansen & Cook, 1976: 76.—Wyo.

davisi. N.W.T., Utah, Wyo., N.H., Grld.
Diamesa davisi Edwards, 1933: 614.—N.W.T.

garretti. B.C., Wash., Idaho, Mont., Wyo.
Diamesa garretti Sublette & Sublette, 1965: 151 (n. nam. for *Diamesa borealis* Garrett, 1925: 6, preocc. Kieffer, 1915b).—B.C.

geminata. N.W.T., Grld.; PA.
Diamesa geminata Kieffer, 1926: 79.—Grld.
Diamesa biappendiculata Goetghebuer in Remy, 1928: 52.—Grld.
Diamesa furcata Edwards, 1933: 616.—N.W.T.

gregsoni. N.W.T., N.B.; PA.
Diamesa gregsoni Edwards, 1933: 618.—N.W.T.

haydaki. Alas., Wyo., Minn., Col., Ariz.
Diamesa haydaki Hansen in Hansen & Cook, 1976: 93.—Wyo.

heteropus. Alas. s. to N. Mex., to Neb. & Minn.
Tanypus heteropus Coquillett, 1905: 66.—?N.H., N. Mex., Wash.
Adiamesa confusa Garrett, 1925: 5.—B.C.
Diamesa banana Garrett, 1925: 6.—B.C.
Diamesa onteona Roback, 1957b: 6.—Utah.

hyperborea. Not NE.
Diamesa hyperborea Holmgren, 1869: 48.—Bear Island.
Adiamesa ursus Kieffer, 1918a: 104.—Bear Island.

incallida. Alas., Y.T., Man., Ont., Wash., Utah, Wyo.; PA.
Chironomus incallidus Walker, 1956a: 183.—England.
Diamesa fonticola Sæther, 1969: 24.—Man.

insignipes. Wyo., Utah; PA.
Diamesa insignipes Kieffer in Kieffer & Thienemann, 1908: 3.—Germany.

japonica. Wash., Mont., Wyo., Utah, Calif.; PA.
Diamesa japonica Tokunaga, 1936: 542.—Japan.
Diamesa leoniella Hansen in Hansen & Cook, 1976: 111.—Wyo.

leona. Wash. to N. Mex., to Minn., Colo., Qué., N.B.; PA.
Diamesa leona Roback, 1957b: 7.—Utah.
Diamesa caena Roback, 1957b: 9.—Utah.
Diamesa pieta Roback, 1957b: 8.—Utah.

lindrothi. Grld.; PA.
Diamesa lindrothi Goetghebuer in Goetghebuer & Lindroth, 1931: 281.—Iceland.

lupus. Alas., Alta.
Diamesa lupus Willassen, 1985: 127.—Alas.

mendotae. S. Dak., Minn., Wis.
Diamesa mendotae Muttkowski, 1915: 116.—Wis.

nivicavernicola. Alas., Wash.
Diamesa nivicavernicola Hansen in Hansen & Cook, 1976: 123.—Wash.
nivoriunda. Minn. to Nfld., Ky., N.C., s. to Miss. & Fla.
Chironomus nivoriundus Fitch, 1847: 282.—N.Y.
simplex. Alas., N.W.T., B.C., Qué., Wyo., Grld.
Diamesa simplex Kieffer, 1926: 81.—N.W.T.
sommermani. Alas.
Diamesa sommermani Hansen in Hansen & Cook, 1976: 134.—Alas.
sonorae. Calif.
Diamesa sonorae Willassen, 1985: 125.—Calif.
spinacies. Alas., Alta., Mont., Idaho, Wyo., Utah, Col., Calif.
Diamesa spinacies Sæther, 1969: 27.—Alta.
subletti. Alta.
Diamesa subletti Makarchenko, 1986: 155.—Alta.
vockerothi. Ont., Qué.
Diamesa vockerothi Hansen in Hansen & Cook, 1976: 139.—Ont.

Genus LAPPODIAMESA Serra-Tosio
Lappodiamesa Serra-Tosio, 1968: 140. Type-species, *brundini* Serra-Tosio (orig. des.).

boltoni. Ohio.
Lappodiamesa boltoni Sæther & Willassen, 1988: 78.—Ohio.

Genus PAGASTIA Oliver
Pagastia Oliver, 1959: 49. Type-species, *orthogonia* Oliver (orig. des.).
Hesperodiamesa Sublette, 1967a: 305. Type-species, *Prodiamesa sequax* Garrett (orig. des.).

orthogonia. Alas., Mich.
Pagastia orthogonia Oliver, 1959: 51.—Alas.
partica. Alas., Y.T., Utah, Wyo.
Syndiamesa partica Roback, 1957b: 4.—Utah.
Syndiamesa artisia Roback, 1957b: 5.—Utah.
sequax. B.C., Alta.
Prodiamesa sequax Garrett, 1925: 7.—B.C.

Genus POTTHASTIA Kieffer
Potthastia Kieffer, 1922c: 362. Type-species, *longimana* Kieffer (orig. des.).

gaedii. E. U.S.A.; PA.
Diamesa gaedii Meigen, 1838: 13.—Belgium.
iberica. Idaho, Wyo., Ga.; PA.
Potthastia iberica Serra-Tosio, 1971: 160.—Spain.
longimana. Ont., Qué., N.Y., N.C., S.C.; PA.
Potthastia longimanus Kieffer, 1922c: 362.—Germany.
montium. Se. U.S.A.; PA.
Diamesa montium Edwards, 1929: 307.—Great Britain.

Genus PSEUDODIAMESA Goetghebuer
Pseudodiamesa Goetghebuer in Goetghebuer & Lenz, 1939a: 9 (as subg. of *Syndiamesa* Kieffer, 1918a). Type-species, *Syndiamesa pilosa* Kieffer (orig. des.) = *Diamesa branickii* Nowicki.

Subgenus PACHYDIAMESA Oliver
Pachydiamesa Oliver, 1959: 54. Type-species, *Diamesa arctica* Malloch (orig. des.).

arctica. N.W.T.
Diamesa arctica Malloch, 1919: 37.—N.W.T.

Subgenus PSEUDODIAMESA Goetghebuer

branickii. B.C., Alta., Calif., N. Mex., Grld.; PA.; OR.
Diamesa branickii Nowicki, 1873: 3.—Poland.
pertinax. N.W.T., B.C., Utah, Wyo., Colo.
Prodiamesa pertinax Garrett, 1925: 6.—B.C.

Genus PSEUDOKIEFFERIELLA Zavrel
Pseudokiefferiella Zavrel, 1941: 11. Type-species, *Diplomesa lapponica* Pagast = *Diamesa parva* Edwards (orig. des.). (see Cranston, 1975: 88; Ashe, 1983: 46- ICZN ruling required).
Diplomesa Pagast, 1947: 539. Type-species, *lapponica* Pagast (mon.).

parva. N.W.T.; PA.
Diamesa parva Edwards, 1932a: 45.—Scotland.

Genus SYMPOTTHASTIA Pagast
Sympotthastia Pagast, 1947: 457.
Type-species, *zavreli* Pagast (mon.).

diastena. Oreg., Colo., Calif.
Pseudodiamesa diastena Sublette, 1964a: 128.—Calif.
fulva. N.Y., N.C., S.C.
Diamesa fulva Johannsen, 1921: 229.—N.Y.
zavreli. N.C.
Sympotthastia zavreli Pagast, 1947: 458.—Germany.

Genus SYNDIAMESA Kieffer
Syndiamesa Kieffer, 1918a: 103.
Type-species, *Diamesa hygropetrica* Kieffer (Edwards, 1929: 303).

Unnamed species.—N.W.T., Ont.

Nomina dubia in Diamesinae
Diamesa waltlii Meigen, 1838: 13.—Germany.
Syndiamesa polaris Kieffer, 1926: 81.—N.W.T.

Incerta sedis in Diamesinae
Diamesa polaris Kieffer, 1926: 79.—N.W.T.

Tribe PROTANYPINI

Genus PROTANYPUS Kieffer
Protanypus Kieffer, 1906a: 40.
Type-species, *Tanypus morio* Zetterstedt (Edwards, 1924a: 119).

caudatus. N.W.T.; PA.
Protanypus caudatus Edwards, 1924a: 122.—Norway.
hamiltoni. N.W.T., B.C.
Protanypus hamiltoni Sæther, 1975c: 375.—B.C.
pseudomorio. Alas.; PA.
Protanypus pseudomorio Makarchenko, 1982: 133.—U.S.S.R.
ramosus. N.W.T., Ont.
Protanypus ramosus Sæther, 1975c: 368.—Ont.
saetheri. Alas.
Protanypus saetheri Wiederholm, 1975: 224.—Alas.

Subfamily PRODIAMESINAE

Genus COMPTEROMESA Sæther
Compteromesa Sæther, 1981c: 194.
Type-species, *oconeensis* Sæther (orig. des.).

oconeensis. S.C.
Compteromesa oconeensis Sæther, 1981c: 195.—S.C.

Genus MONODIAMESA Kieffer
Monodiamesa Kieffer, 1922a: 287.
Type-species, *Prodiamesa bathyphila* Kieffer, Goetghebuer in Goetghebuer & Lenz, 1939a: 3).

bathyphila. Alas., N.W.T., Minn., Ill. to Ohio, Grld.; PA.
Prodiamesa bathyphila Kieffer, 1918a: 102.—Germany.
depectinata. Man., Ont., Pa.
Monodiamesa depectinata Sæther, 1973b: 666.—Man.
prolilobata. B.C.
Monodiamesa prolilobata Sæther, 1973b: 673.—B.C.
tuberculata. N.W.T., B.C., Ont., Mich., Ind.
Monodiamesa tuberculata Sæther, 1973b: 671.—Mich.

Genus ODONTOMESA Pagast
Odontomesa Pagast, 1947: 502.
Type-species, *Prodiamesa fulva* Kieffer (orig. des.).

ferringtoni. Colo.
Odontomesa ferringtoni Sæther, 1985e: 25.—Colo.
fulva. Mont. s. to N. Mex., Wis., Ill., Pa. s. to Miss. & Fla.; PA.
Prodiamesa fulva Kieffer, 1919a: 132.—Hungary.
Odontomesa fulva nearctica Sæther, 1985e: 20.—Ga.

lutosopra. B.C.
Prodiamesa lutosopra Garrett, 1925: 7.—B.C.

Genus PRODIAMESA Kieffer
Prodiamesa Kieffer, 1906a: 37. Type-species, *Diamesa praecox* Kieffer (orig. des.) = *Chironomus olivaceus* Meigen.

cubita. B.C.
Prodiamesa cubita Garrett, 1925: 7.—B.C.

olivacea. Widespread NE.; PA.
Chironomus olivaceus Meigen, 1818: 29.—Not stated, ?Germany.
Chironomus turpis Zetterstedt, 1838: 811.—Sweden.
Tanypus occidentalis Coquillett, 1902b: 92.—Colo.

Subfamily ORTHOCLADIINAE

Genus ABISKOMYIA Edwards
Abiskomyia Edwards, 1937: 140. Type-species, *virgo* Edwards (orig. des.).

virgo. Alas., N.W.T.; PA.
Abiskomyia virgo Edwards, 1937: 141.—Sweden.

Genus ACAMPTOCLADIUS Brundin
Acamptocladius Brundin, 1956: 162. Type-species, *Spaniotoma submontana* Edwards (orig. des.).
Phycoidella Sæther, 1971: 1810. Type-species, *dentolatens* Sæther (orig. des.).

dentolatens. Ont.
Phycoidella dentolatens Sæther, 1971: 1814.—Ont.

Genus ACRICOTOPUS Kieffer
Acricotopus Kieffer, 1921a: 90. Type-species, *grandis* Kieffer (orig. des.) = *Chironomus lucens* Zetterstedt.

lucens. N.W.T., Alta.; PA.
Chironomus lucens Zetterstedt, 1850: 3574.—Denmark.
Chironomus lucens lucens Zetterstedt.—Not NE.
Chironomus lucens var. *baueri* Goetghebuer, 1955: 167. Unrecognized.

nitidellus. B.C. to Man., S. Dak., Ill., N.B., N.Y., Pa.
Orthocladius nitidellus Malloch, 1915b: 515.—Ill.
Spaniotoma senex Johannsen, 1937a: 63.—N.Y.

Genus ANTILLOCLADIUS Sæther
Antillocladius Sæther, 1981b: 4. Type-species, *antecalvus* Sæther (orig. des.).

arcuatus. Kans., S.C.
Antillocladius arcuatus Sæther, 1982: 474.—S.C.

pluspilalus. Kans., S.C.
Antillocladius pluspilalus Sæther, 1982: 474.—S.C.

Genus APOMETRIOCNEMUS Sæther
Apometriocnemus Sæther, 1985c: 536. Type-species, *fontinalis* Sæther (orig. des.).

beringensis. Y.T.
Apometriocnemus beringensis Cranston & Oliver, 1988a: 428.—Y.T.

fontinalis. Tenn.
Apometriocnemus fontinalis Sæther, 1985c: 537.—Tenn.

Genus BAEOCTENUS Sæther
Baeoctenus Sæther, 1976: 41. Type-species, *bicolor* Sæther (orig. des.).

bicolor. Man., N.B.
Baeoctenus bicolor Sæther, 1976: 43.—Man.

Genus BRILLIA Kieffer
Brillia Kieffer, 1913b: 34. Type-species, *Metriocnemus bifidus* Kieffer (orig. des.) = *Chironomus modestus* Meigen.

flavifrons. B.C. to N.B., s. to Oreg., N. Mex. to La., N.C., S.C., Ga.
Metriocnemus flavifrons Johannsen, 1905: 301.—N.Y.
laculata. Wash., Oreg., Wyo.
Brillia laculata Oliver & Roussel, 1983: 268.—Oreg.
longifurca. Not NE.
Brillia longifurca Kieffer, 1921a: 86.—Germany.
parva. Ont. to N.B., s. to S.C.
Brillia parva Johannsen, 1934: 351.—N.Y.
retifinis. Alas., B.C. to Man., s. to Calif. & Colo.
Brillia retifinis Sæther, 1969: 37.—B.C.
sera. N.H., Pa., S.C., Ga.
Brillia sera Roback, 1957a: 64.—Pa.

Genus BRYOPHAENOCLADIUS Thiennemann
Bryophaenocladius Thienemann, 1934: 36.
Type-species, *Orthocladius muscicola* Kieffer (orig. des.).
Clinocladius Sublette, 1970: 50
Type-species, *Orthocladius subparallelus* Malloch (orig. des.).
Platycladius Sublette, 1970: 82.
Type-species, *Orthocladius pleuralis* Malloch (orig. des.).

aestivus. Alas.; PA.
Eudactylocladius aestivus Brundin, 1947: 30.—Sweden.
astis. B.C., Utah.
Hydrobaenus astis Roback, 1957b: 12.—Utah.
Hydrobaenus traenis Roback, 1957b: 12.—Utah.
digitatus. S. Dak., N.C., S.C.
Bryophaenocladius digitatus Sæther, 1973a: 55.—S. Dak.
flavoscutellatus. Ont., N.B., Ill.
Orthocladius flavoscutellatus Malloch, 1915b: 523.—Ill.
fumosinus. N.Y.
Camptocladius fumosinus Curran, 1930: 33.—N.Y.
furcatus. N.Y.; PA.
Dactylocladius furcatus Kieffer in Thienemann & Kieffer, 1916: 535.—Sweden.
impectinus. N.C., S.C.
Bryophaenocladius impectinus Sæther, 1976: 273.—S.C.
laticaudus. S. Dak.
Bryophaenocladius laticaudus Sæther, 1973a: 55.—S. Dak.
pleuralis. Ill.
Orthocladius pleuralis Malloch, 1915b: 527.—Ill.
psilacrus. S.C.
Bryophaenocladius psilacrus Sæther, 1982: 500.—S.C.
subparallelus. S. Dak., Ill., Ohio.
Orthocladius subparallelus Malloch, 1915b: 522.—Ill.

Genus CAMPTOCLADIUS Wulp
Camptocladius Wulp, 1874: 133.
Type-species, *Tipula byssina* Schrank (Coquillett, 1910: 518) = *Tipula stercorarius* De Geer.

stercorarius. Widespread NE.; PA.; AU.
Tipula stercorarius De Geer, 1776: 388.—Sweden.
Tipula byssina Schrank, 1803: 76.—Germany.

Genus CARDIOCLADIUS Kieffer
Cardiocladius Kieffer, 1912a: 22.
Type-species, *ceylanicus* Kieffer (orig. des.).

albiplumus. B.C., Ont., Qué., s. to N.C.
Cardiocladius albiplumus Sæther, 1969: 34.—Ont.
fulvus. Mich., N.Y., Ill., Miss.
Thalassomyia fulva Johannsen, 1908: 275.—N.Y.
obscurus. Ont., Qué., Wy., Utah to N.Y., s. to Miss. & Fla.
Thalassomyia obscura Johannsen, 1903: 437.—N.Y.
Thalassomyia fusca Johannsen, 1903: 437 (nom. nud.).—N.Y.
platypus. Calif., Nev., Ariz., N. Mex., ?Qué.
Orthocladius platypus Coquillett, 1902b: 93.—Ariz.

Genus CHAETOCLADIUS Kieffer
Chaetocladius Kieffer, 1911c: 182 (as subg. of *Dactylocladius* Kieffer, 1906a).
Type-species, *Dactylocladius setiger* Kieffer (Goetghebuer in Goetghebuer & Lenz, 1942: 57) = *Chironomus perennis* Meigen.

adsimilis. Grld.
Orthocladius adsimilis Goetghebuer, 1933: 25.—Grld.
grandilobus. N.W.T.; PA.
Chaetocladius grandilobus Brundin, 1956: 126.—Sweden.
holmgreni. N.W.T.; PA.
Chironomus holmgreni Jacobson, 1898: 204 (n. nam. for *Chironomus festivus* Holmgren, 1869: 43, preocc. Say, 1823).—Spitsbergen & Bear I.
ligni. Oreg.
Chaetocladius ligni Cranston & Oliver, 1988b: 144.—Oreg.
perennis. Alas., N.W.T.; PA.
Chironomus perennis Meigen, 1830: 249.—Europe.
stamfordi. Qué., Ont., S. Dak., Ohio, Conn.
Hydrobaenus stamfordi Johannsen, 1947: 171.—Conn.
Chaetocladius oliveri Sæther, 1969: 93.—Qué.

Genus CHASMATONOTUS Loew
Chasmatonotus Loew, 1864: 51. Type-species, *unimaculatus* Loew (mon.).

atripes. Ont. to N.B., s. to Ill., Ohio, Md.
Chasmatonotus atripes Rempel, 1937a: 253.—N.Y.
bicolor. N.Y., Pa., Tenn.
Chasmatonotus bicolor Rempel, 1937a: 254.—Tenn.
bimaculatus. Qué. s. to Pa., Tenn.
Chasmatonotus bimaculatus Osten Sacken, 1877: 191.—N.Y.
fascipennis. B.C., Idaho, Mont., Wyo.
Chasmatonotus fascipennis Coquillett, 1905: 66.—B.C.
hyalinus. Calif.
Chasmatonotus hyalinus Coquillett, 1905: 67.—Calif.
maculipennis. B.C. s. to Calif.
Chasmatonotus maculipennis Rempel, 1937a: 254.—Wash.
unimaculatus. Ont. to N.S., s. to Mich., N.C., S.C.
Chasmatonotus unimaculatus Loew, 1864: 50.—N.H.
univittatus. Alas. s. to Wash., Calif.
Chasmatonotus univittatus Coquillett, 1900: 395.—Alas.

Genus CLUNIO Haliday
Clunio Haliday, 1855: 62. Type-species, *marinus* Haliday (mon.).

californiensis. Calif.
Clunio californiensis Hashimoto, 1974: 108.—Calif.
marshalli. Ky., N.C., s. to Fla.
Clunio marshalli Stone & Wirth, 1947: 214.—Fla.

Genus COMPTEROSMITTIA Sæther
Compterosmittia Sæther, 1981b: 20. Type-species, *dentispina* Sæther (orig. des.).

nerius. N.Y., S.C.
Camptocladius nerius Curran, 1930: 34.—N.Y.
Compterosmittia clavigera Sæther, 1982: 491.—S.C.

Genus CORYNONEURA Winnertz
Corynoneura Winnertz, 1846: 12. Type-species, *scutellata* Winnertz (Coquillett, 1910: 528).

arctica. N.W.T.; PA.
Corynoneura arctica Kieffer, 1923c: 4.—U.S.S.R.
celeripes. Ont., Maine, N.Y., Ill., Ind., Ohio, Grld.; PA.
Corynoneura celeripes Winnertz, 1852: 50.—Germany.
Corynoneura atra Winnertz, 1852: 50.—Germany.
diara. Utah.
Corynoneura diara Roback, 1957b: 10.—Utah.
fittkaui. N.C., S.C.; PA.
Corynoneura fittkaui Schlee, 1968: 19.—Germany.
lacustris. Man., Ont.; PA.
Corynoneura lacustris Edwards, 1924c: 187.—Great Britain.
lobata. Alta., Ont., N.B., N.C., S.C.; PA.
Corynoneura lobata Edwards, 1924c: 186.—England.
minuscula. Ont.; PA.
Corynoneura minuscula Brundin, 1949: 833.—Sweden.
oxfordana. Ohio.
Corynoneura oxfordana Boesel & Winner, 1980: 505.—Ohio.

scutellata. N.W.T. s. to Fla., Grld.; PA.; NT; AU.
Corynoneura scutellata Winnertz, 1846: 13.—Germany.
taris. Ohio, N.Y., s. to Miss. & Fla.
Corynoneura taris Roback, 1957a: 61.—N.J.

Genus CRICOTOPUS Wulp
Cricotopus Wulp 1874: 132. Type-species, *Chironomus tibialis* Meigen (Coquillett 1910b: 528).

Subgenus CRICOTOPUS Wulp

abanus. B.C., Man.
Cricotopus abana Curran, 1929: 1.—Man.
absurdus. N.Y., Ohio, N. Mex.
Orthocladius absurdus Johannsen, 1905: 277.—N.Y.
annulator. Ont., Calif., N. Mex.; PA.
Cricotopus annulator Goetghebuer, 1927: 52.—Belgium.
Cricotopus irwini Sublette & Sublette, 1971: 97.—Calif.
baptistensis. Ont.
Cricotopus baptistensis Boesel, 1983: 87.—Ont.
beringensis. Alas.
Cricotopus beringensis Oliver & Dillon, 1988: 475.—Alas.
bicinctus. Widespread NE.; PA.; NT.; AF.
Chironomus bicinctus Meigen, 1818: 41.—Austria.
coronatus. N.W.T., Man., Qué.; PA.
Cricotopus coronatus Hirvenoja, 1973: 222.—Finland.
cumulatus. N.W.T., Grld.; PA.
Cricotopus cumulatus Hirvenoja, 1973: 146.—Grld.
curtus. Sask., N.Y.; PA.
Cricotopus curtus Hirvenoja, 1973: 199.—Germany.
cylindraceus. Man., N.Y.; PA.
Trichocladius cylindraceus Kieffer in Kieffer & Thienemann, 1908: 8.—Germany.
elegans. Mich., Pa., Ohio.
Cricotopus elegans Johannsen, 1943: 78.—Mich.
ephippium. Alas.; PA.
Chironomus ephippium Zetterstedt, 1838: 814.—Sweden.
Ceratopogon humeralis Zetterstedt, 1838: 820.—Sweden.
festivellus. Man., Ont.; PA.
Chironomus festivellus Kieffer, 1906a: 18 (n. nam. for *Chironomus festivus* Meigen, 1830: 252, preocc. Say, 1823).—Europe.
flavocinctus. Man.; PA.
Trichocladius flavocinctus Kieffer, 1924b: 92.—Germany.
fugax. Ont., N.Y., Ky., N.C., s. to Miss. & Fla.
Orthocladius fugax Johannsen, 1905: 279.—N.Y.
fuscus. Ont.; PA.
Trichocladius fuscus Kieffer, 1909: 46.—Germany.
gelidus. N.W.T., Grld.; PA.
Trichocladius gelidus Kieffer, 1922b: 18.—Novaya Zemlya.
infuscatus. Ont., S. Dak., Ill., Ohio, Pa., N. Mex.
Orthocladius infuscatus Malloch, 1915b: 517.—Ill.
Cricotopus aratus Roback, 1957a: 73.—Pa.
Cricotopus ceris Roback, 1957a: 72.—Pa.
lestralis. Alas., N.W.T., Wash., Grld.; PA.
Trichocladius lestralis Edwards, 1924b: 172.—Spitsbergen.
luciae. Ont.
Cricotopus luciae LeSage in LeSage & Harrison, 1980: 91.—Ont.
mackenziensis. N.W.T.
Cricotopus mackenziensis Oliver, 1977: 99.—N.W.T.
macraei. Man.
Cricotopus macraei Sæther, 1971: 1799.—Man.
Cricotopus flannagani Sæther, 1971: 1809.—Man.
patens. Y.T., N.W.T.; PA.
Cricotopus patens Hirvenoja, 1973: 218.—Finland.
pedatus. Mont., N. Mex.
Cricotopus pedatus Sublette, 1967b: 558.—Mont.
pilosellus. Y.T., N.W.T., Grld.; PA.
Cricotopus pilosellus Brundin, 1956: 114.—Sweden.
politus. Sask., Colo., Ill., Ohio, N.Y., D.C., Md., N. Mex. to Fla.
Orthocladius politus Coquillett, 1902b: 93.—D.C.
pulchripes. N.Y.; PA.
Cricotopus pulchripes Verrall, 1912: 22.—Wales.

slossonae. Sask. to Ont., s. to Ill., N.Y., Ohio, Ga.
Cricotopus slossonae Malloch, 1915b: 506.—Ill.

tibialis. Y.T., N.W.T., Man., N.B., Grld.; PA.
Chironomus tibialis Meigen, 1804: 16.—Europe.
Chironomus basalis Staeger, 1845: 351.—Grld.
Chironomus pavidus Holmgren, 1869: 42.—Spitsbergen.
Cricotopus polaris Kieffer, 1926: 84.—Grld.
Trichocladius bacilliger Kieffer, 1926: 86.—Grld.

tremulus. Alta. to N.S., Oreg., Ohio, N.Y., N.J.; PA.
Tipula tremula Linnaeus, 1758: 587.—Sweden.

triannulatus. Sask., Ont. to N.Y., s. to Miss. & Fla.; PA.
Chironomus triannulatus Macquart, 1826: 202.—Germany.
Cricotopus exilis Johannsen, 1905: 255.—N.Y.

trifascia. Sask., Ont., Ohio, Pa., N.Y., N.C.; PA.
Cricotopus trifascia Edwards, 1929: 322.—England.
Cricotopus ithacanensis Sublette, 1967b: 555.—N.Y.

trilobus. Alas.
Cricotopus trilobus Oliver & Dillon, 1988: 485.—Alas.

tristis. Y.T., N.W.T.; PA.
Cricotopus tristis Hirvenoja, 1973: 196.—Finland.

varipes. N.W.T., Ont., Wash., Ohio, N.Y., Conn., Ga., Fla.
Cricotopus varipes Coquillett, 1902b: 93.—Md.

vierriensis. Man., Ohio, Pa., N.Y., N. Mex.; PA.
Cricotopus vierriensis Goetghebuer, 1935: 417.—Belgium.

Subgenus ISOCLADIUS Kieffer
Isocladius Kieffer, 1909: 44 (as genus). Type-species, *albipes* Kieffer (mon.) = *Tipula silvestris* Fabricius.

flavibasis. B.C., Alta., S. Dak., Ill.
Cricotopus flavibasis Malloch, 1915b: 502.—Ill.

flavipes. Ohio, Mich., Conn.
Cricotopus flavipes Johannsen, 1942: 73.—Mich.

glacialis. Not NE.
Cricotopus glacialis Edwards, 1922: 209.—Spitsbergen.

intersectus. Sask., Man., Ohio; PA.
Chironomus intersectus Staeger, 1839: 574.—Denmark.

laetus. Ont.; PA.
Cricotopus laetus Hirvenoja, 1973: 264.—Finland.

laricomalis. Alas., N.W.T., Qué., Grld.; PA.
Cricotopus laricomalis Edwards, 1932a: 46.—Scotland.

myriophylli. B.C., Ont.
Cricotopus myriophylli Oliver, 1984: 1287.—B.C.

ornatus. Alas. to N.W.T., Sask., Man., Ont., N.Y.; PA.
Chironomus ornatus Meigen, 1818: 43.—Germany.

pilitarsis. Sask., N.Y.; PA.
Chironomus pilitarsis Zetterstedt, 1850: 3565.—Sweden.

sylvestris. Widespread NE.; PA.
Tipula sylvestris Fabricius, 1794: 252.—Europe.

tricinctus. Utah to N.Y., s. to Tex.; PA.
Chironomus tricinctus Meigen, 1818: 41.—Europe.
Cricotopus lebetis Sublette, 1964b: 118.—La.

trifasciatus. B.C., Ont., Idaho to N.Y., s. to N. Mex. & Fla.; PA.
Chironomus trifasciatus Meigen in Panzer, 1813: 18.—Germany.
Cricotopus remus Sublette, 1964b: 115.—La.

Subgenus NOSTOCOCLADIUS Ashe & Murray
Nostococladius Ashe & Murray, 1980: 105. Type-species, *lygropis* Edwards (orig. des.).

nostocicola. Alta., Mont., N.Y., Ohio s. to Ga., Oreg., Calif.
Cricotopus nostocicola Wirth, 1957: 122.—Calif.

Subgenus PSEUDOCRICOTOPUS Nishida
Pseudocricotopus Nishida, 1987: 460 (as subg. of *Cricotopus* Wulp). Type-species, *montanus* Tokunaga (orig. des.).

bifurcatus. B.C., Wash.
Cricotopus bifurcatus Cranston & Oliver, 1988a: 430.—B.C.

Cricotopus unassigned to subgenus

belkini. N. Mex. to Ala.
Cricotopus belkini Dendy & Sublette, 1959: 510.—Ala.
brunnicans. Sask.
Cricotopus brunnicans Walley, 1928a: 21.—Sask.
diversus. Ont., Ohio., Mich., N.Y., Del.
Cricotopus diversus Boesel, 1983: 85.—Ohio.
edurus. Calif.
Cricotopus edurus Sublette & Sublette, 1971: 85.—Calif.
fuscatus. Calif.
Cricotopus fuscatus Wirth, 1957: 124.—Calif.
furtivus. Calif.
Cricotopus furtivus Sublette & Sublette, 1971: 99.—Calif.
geminatus. Pa.
Chironomus geminatus Say, 1823: 14.—Pa.
globistylus. Utah, N. Mex.
Cricotopus globistylus Roback, 1957b: 10.—Utah.
junus. Pa.
Cricotopus junus Roback, 1957a: 72.—Pa.
obscurifuscus. Calif.
Cricotopus obscurifuscus Sublette & Sublette, 1971: 96.—Calif.
oceanicus. Mass.
Chironomus oceanicus Packard, 1869: 42.—Mass.
olivetus. Ohio.
Cricotopus olivetus Boesel, 1983: 88.—Ohio.
parafuscatus. Calif.
Cricotopus parafuscatus Sublette & Sublette, 1971: 90.—Calif.
subfuscus. Calif.
Cricotopus subfuscus Sublette & Sublette, 1971: 98.—Calif.

Genus DIPLOCLADIUS Kieffer
Diplocladius Kieffer in Kieffer & Thienemann, 1908: 6. Type-species, *cultriger* Kieffer (mon.).

cultriger. Widespread Can. to Nebr., Ohio, N.C., S.C., Grld.; PA.
Diplocladius cultriger Kieffer in Kieffer & Thienemann, 1908: 6.—Germany
Diplocladius bilobatus Brundin, 1956: 71.—Sweden.

Genus DIPLOSMITTIA Sæther
Diplosmittia Sæther, 1981b: 29. Type-species, *harrisoni* Sæther (orig. des.).

carinata. Mich.
Diplosmittia carinata Sæther, 1985b: 55.—Mich.

Genus DOITHRIX Sæther & Sublette
Doithrix Sæther & Sublette, 1983: 6. Type-species, *villosa* Sæther & Sublette (orig. des.).

barberi. Calif.
Doithrix barberi Sæther & Sublette, 1983: 21.—Calif.
dillonae. N.S.
Doithrix dillonae Cranston & Oliver, 1988a: 432.—N.S.
ensifer. Calif.
Doithrix ensifer Sæther & Sublette, 1983: 15.—Calif.
hamiltoni. B.C.
Doithrix hamiltoni Sæther & Sublette, 1983: 17.—B.C.
parcivillosa. Tenn.
Doithrix parcivillosa Sæther & Sublette, 1983: 12.—Tenn.
villosa. Man., N.B., N.S., S.C., Tenn.
Doithrix villosa Sæther & Sublette, 1983: 9.—Tenn.

Genus DONCRICOTOPUS Sæther
Doncricotopus Sæther, 1981a: 223. Type-species, *bicaudatus* Sæther (orig. des.).

bicaudatus. N.W.T.
Doncricotopus bicaudatus Sæther, 1981a: 225.—N.W.T.

Genus EPOICOCLADIUS Zavrel
Epoicocladius Zavrel in Šulc & Zavrel, 1924: 368 (as subg. of *Camptocladius* Wulp, 1874). Type-species, *Camptocladius ephemerae* Kieffer (orig. des.) = *Camptocladius flavens* Malloch.

flavens. Ont., Mont., N. Dak., s. to Tex., Mich., Ill., s. to Fla.; PA.
Camptocladius flavens Malloch, 1915b: 511.—Ill.

Camptocladius ephemerae Kieffer in Šulc & Zavrel, 1924: 385.—Czechoslovakia.

Genus ERETMOPTERA Kellogg
Eretmoptera Kellogg, 1900: 82.
Type-species, *browni* Kellogg (orig. des.).

browni. Calif.
Eretmoptera browni Kellogg, 1900: 82.—Calif.

Genus EUKIEFFERIELLA Thienemann
Eukiefferiella Thienemann, 1926: 325.
Type-species, *Dactylocladius longicalcar* Kieffer, 1911c, sensu Thienemann (misident. = *Spaniotoma gracei* Edwards, 1929), (orig. des.) (ICZN ruling required on the true type - species (ICZN 70a)).
Adactylocladius Sæther, 1968: 464.
Type-species, *finsensis* Sæther (mon.) = *Spaniotoma minor* Edwards.

brevinervis. Ill., Ohio, Pa., N. Mex.
Orthocladius brevinervis Malloch, 1915b: 526.—Ill.
claripennis. N.W.T., B.C., Alta., N. Mex., Grld.; PA.; Hawaii.
Chironomus claripennis Lundbeck, 1898: 281.—Grld.
Spaniotoma hospita Edwards, 1929: 351.—England.
cyanea. Alas., ?Oreg.; PA.
Eukiefferiella cyanea Thienemann, 1936b: 61.—Germany.
devonica. Widespread Can., U.S.A.; PA.
Spaniotoma devonica Edwards, 1929: 349.—England.
unicalcar. Alta.
Adactylocladius unicalcar Sæther, 1969: 59.—Alta.

Genus EURYHAPSIS Oliver
Euryhapsis Oliver, 1981: 711.
Type-species, *cilium* Oliver (orig. des.).

annuliventris. Calif.
Metriocnemeus annuliventris Malloch, 1915a: 46.—Calif.
cilium. Y.T., N.W.T., Alta.; PA.
Euryhapsis cilium Oliver, 1981: 714.—N.W.T.
illoba. Calif.
Euryhapsis illoba Oliver, 1981: 720.—Calif.

Genus GEORTHOCLADIUS Strenzke
Georthocladius Strenzke, 1941: 185.
Type-species, *Orthocladius luteicornis* Goetghebuer (orig. des.).

Subgenus ATELOPODELLA Sæther
Atelopodella Sæther, 1982: 488.
Type-species, *curticornus* Sæther (orig. des.).

curticornus. S.C.
Georthocladius curticornus Sæther, 1982: 488.—S.C.

Subgenus GEORTHOCLADIUS Strenzke

fimbriosus. Tenn.
Georthocladius fimbriosus Sæther & Sublette, 1983: 32.—Tenn.
platystylus. Calif.
Georthocladius platystylus Sæther & Sublette, 1983: 28.—Calif.
triquetrus. S.C.
Georthocladius triquetrus Sæther & Sublette, 1983: 25.—S.C.
wirthi. Calif.
Georthocladius wirthi Sæther & Sublette, 1983: 30.—Calif.

Genus GYMNOMETRIOCNEMUS Goetghebuer
Gymnometriocnemus Goetghebuer, 1932a: 23 (as subg. of *Metriocnemus* Wulp, 1874). Type-species, *Metriocnemus subnudus* Edwards (Edwards, 1932b: 141). (Technically invalid as no type-species originally designated (ICZN 13b), but treated as above by usage).

Subgenus GYMNOMETRIOCNEMUS Goetghebuer

subnudus. B.C., Ont., N.S., Tenn., N.C.; PA.
Metriocnemus subnudus Edwards, 1929: 316.—England.
Gymnometriocnemus marionensis Sæther, 1969: 129.—B.C.

Subgenus RAPHIDOCLADIUS Sæther
Raphidocladius Sæther, 1983b: 211.
Type-species, *acigus* Sæther (orig. des.)
= *Metriocnemus brumalis* Edwards.

brumalis. B.C., Man. to N.S., Tenn., S.C.; PA.
Metriocnemus brumalis Edwards, 1929: 316.—England.
Gymnometriocnemus acigus Sæther, 1983b: 214.—S.C.

Genus HALOCLADIUS Hirvenoja
Halocladius Hirvenoja, 1973: 106.
Type-species, *Chironomus varians* Staeger (orig. des.).

Subgenus HALOCLADIUS Hirvenoja

variabilis. Man., Grld.; PA.
Chironomus variabilis Staeger, 1839: 571.—Denmark.

Nomen dubium in Halocladius
Chironomus vitripennis Meigen, 1818: 32.—Europe.

Genus HELENIELLA Gowin
Heleniella Gowin, 1943: 116.
Type-species, *thienemanni* Gowin (orig. des.). = *Spaniotoma ornaticollis* Edwards.

curtistila. B.C., Alta., Ont.
Heleniella curtistila Sæther, 1969: 130.—B.C.
hirta. Ont., Qué., N.S.
Heleniella hirta Sæther, 1969: 134.—Qué.
parva. S.C., Tenn.
Heleniella parva Sæther, 1985b: 532.—S.C.

Genus HETEROTANYTARSUS Spärck
Heterotanytarsus Spärck, 1923: 92.
Type-species, *Metriocnemus apicalis* Kieffer (mon.).

nudalus. Ont.
Heterotanytarsus nudalus Sæther, 1975b: 263.—Ont.
perennis. B.C.
Heterotanytarsus perennis Sæther, 1975b: 260.—B.C.

Genus HETEROTRISSOCLADIUS Spärck
Heterotrissocladius Spärck, 1923: 94.
Type-species, *Metriocnemus cubitalis* Kieffer (Goetghebuer in Goetghebuer & Lenz, 1940: 6) ?= *Chironomus marcidus* Walker.

changi. N.W.T., Alta. to Ont., N.Y., s. to Ill., Ind.
Heterotrissocladius changi Sæther, 1975a: 47.—Man.
cooki. Minn.
Heterotrissocladius cooki Sæther, 1975a: 41.—Minn.
hirtapex. Ont.
Heterotrissocladius hirtapex Sæther, 1975a: 39.—Ont.
latilaminus. B.C., Mont.
Heterotrissocladius latilaminus Sæther, 1975a: 36.—B.C.
maeaeri. Alas.; PA.
Heterotrissocladius määri Brundin, 1949: 812.—Sweden.
marcidus. B.C., Ont., Qué., N.Y., Mich., N.C., S.C., Fla.; PA.
Chironomus marcidus Walker, 1956a: 177.—England.
oliveri. N.W.T., B.C. to Ont., s. to Calif., N.Y.; PA.
Heterotrissocladius oliveri Sæther, 1975a: 19.—N.W.T.
subpilosus. N.W.T.; PA.
Dactylocladius subpilosus Kieffer in Kieffer & Lundbeck, 1911: 273.—Bear Island.

Genus HYDROBAENUS Fries
Hydrobaenus Fries, 1830: 177.
Type-species, *lugubris* Fries (orig. des.).

calvescens. S. Dak.
Hydrobaenus calvescens Sæther, 1976: 158.—S. Dak.
conformis. N.W.T., Qué., Labr., Grld.; PA.
Chironomus conformis Holmgren, 1869: 42.—Spitsbergen.
Hydrobaenus conformis conformis Holmgren (Sæther, 1976: 83).
Hydrobaenus conformis labradorensis Sæther, 1976: 89.—Qué., Labr.
Orthocladius natvigi Goetghebuer, 1933: 25.—Franz Joseph Land.

fusistylus. Alas., N.W.T., Alta., Mont., Colo., Grld.
Orthocladius fusistylus Goetghebuer, 1933: 26.—Grld.
Hydrobaenus fusistylus var. *fusistylus* (Goetghebuer), Sæther, 1976: 94.
Hydrobaenus fusistylus var. *octomerus* Sæther, 1976: 99.
hudsoni. S. Dak.
Hydrobaenus hudsoni Sæther, 1976: 131.—S. Dak.
johannseni. Man., Ont., S. Dak., Minn., Ohio, N.Y., Md., Ark., N.C., S.C.
Orthocladius johannseni Sublette, 1967b: 504 (n. nam. for *Orthocladius nivoriundus* Johannsen, 1934: 348, preocc. Fitch, 1847).—N.Y.
Orthocladius domus Sublette, 1966: 594.—Md.
Trissocladius hamiltoni Sæther, 1969: 42.—Man.
laticaudus. Alas.
Hydrobaenus laticaudus Sæther, 1976: 80.—Alas.
martini. N.W.T., N.B.; PA.
Hydrobaenus martini Sæther, 1976: 134.—N.W.T.
pilipes. Ont., Qué., S. Dak., Ohio, Ill., Calif., N. Mex., N.C., S.C., Fla.
Orthocladius pilipes Malloch, 1915b: 522.—Ill.
pilipodex. S. Dak., Ark., Ala.
Hydrobaenus pilipodex Sæther, 1976: 144.—S. Dak.
scapulapilosus. Alas., Ont.
Hydrobaenus scapulapilosus Sæther, 1976: 124.—Ont.
spinnatis. Ont., Qué.; PA.
Hydrobaenus spinnatis Sæther, 1976: 152.—Qué.
travisi. Mass.
Hydrobaenus travisi Sæther, 1989b: 55.—Mass.
tumidistylus. N.W.T.
Hydrobaenus tumidistylus Sæther, 1976: 160.—N.W.T.
virgo. Ont.
Hydrobaenus virgo Sæther, 1976: 128.—Ont.

Genus KRENOSMITTIA Thienemann & Krüger
Krenosmittia Thienemann & Krüger, 1939: 253. Type-species, *Smittia gynocera* Edwards, 1937, sensu Thienemann & Krüger (misident. = *Spaniotoma camptophleps* Edwards, 1929) (orig. des.).

?boreoalpina. B.C., Alta.; PA.
Smittia boreoalpina Goetghebuer, 1944: 43.—Austria.
?camptophleps. B.C.; PA.
Spaniotoma camptophleps Edwards, 1929: 353.—Great Britain.
halvorseni. N.W.T., N.B.; PA.
Rheosmittia halvorseni Cranston & Sæther, 1986: 45.—Norway.

Genus LIMNOPHYES Eaton
Limnophyes Eaton, 1875: 60. Type-species, *pusillus* Eaton (mon.).

asquamatus. N.Y., Grld.; PA.
Limnophyes eltoni var. *asquamatus* Andersen, 1937: 72.—Grld.
atomarius. N.Y., Grld.; PA.
Chironomus atomarius Zetterstedt, 1850: 3522.—Sweden.
borealis. Y.T. to Grld., N.B., s. to Minn., Tenn., N.C., S.C.; PA.
Limnophyes borealis Goetghebuer, 1933: 29.—Grld.
Limnophyes spatulosus Sæther, 1975d: 1055.—Minn.
carolinensis. Ont., Minn., Tenn., N.C., S.C.
Limnophyes carolinensis Sæther, 1975d: 1050.—S.C.
coloradensis. Colo.
Limnophyes coloradensis Sæther, 1975d: 1052.—Colo.
eltoni. Grld.; PA.
Camptocladius eltoni Edwards, 1922: 203.—Bear Island.
fumosus. Ont., N.S., N.Y., N.C., S.C., Ga.
Camptocladius fumosus Johannsen, 1905: 261.—N.Y.
Limnophyes cristatissimus Sæther, 1975d: 1032.—S.C.
globifer. Y.T., N.W.T., Alta., Man., Ont., Grld.; PA.
Camptocladius globifer Lundström, 1915: 16.—U.S.S.R.
Limnophyes folliculatus Sæther, 1975d: 1050.—Man.
groenlandiensis. Grld.
Limnophyes groenlandiensis Andersen, 1937: 70.—Grld.
hamiltoni. Alas. to N.W.T., B.C., Ont., Calif., Grld.
Limnophyes hamiltoni Sæther, 1969: 101.—B.C.

hastulatus. B.C., Ont., S. Dak., Minn.
Limnophyes hastulatus Sæther, 1975d: 1054.—S. Dak.
immucronatus. Widespread Can. s. to N. Mex., Nebr., N.C., S.C.; ?PA.
Limnophyes immucronatus Sæther, 1969: 103.—B.C.
Limnophyes hudsoni Sæther, 1975d: 1032.—Nebr.
margaretae. Man.
Limnophyes margaretae Sæther, 1975d: 1053.—Man.
minimus. Idaho, Colo., Ohio, N.Y.; PA.
Chironomus minimus Meigen, 1818: 47.—Europe.
ninae. N.W.T., Man., Ont.
Limnophyes ninae Sæther, 1975d: 1048.—Man.
nudiradius. Man., S. Dak.
Limnophyes nudiradius Sæther, 1975d: 1048.—S. Dak.
pilicistulus. Y.T., B.C., Oreg., S. Dak.
Limnophyes pilicistulus Sæther, 1975d: 1049.—S. Dak.
prolongatus. Y.T., N.W.T., Man., Grld.; PA.
Camptocladius pentaplastus var. *prolongatus* Kieffer in Thienemann, 1921: 810.—Germany.
pumilio. Grld.; PA.
Chironomus pumilio Holmgren, 1869: 41.—Spitsbergen.
recisus. S. Dak., Nebr., N. Mex.
Limnophyes recisus Sæther, 1975d: 1052.—Nebr.

Genus LIPUROMETRIOCNEMUS Sæther
Lipurometriocnemus Sæther, 1981b: 13. Type-species, *glabalus* Sæther (orig. des.).

vixlobatus. Y.T., S.C.
Lipurometriocnemus vixlobatus Sæther, 1982: 477.—S.C.

Genus LOPESCLADIUS Oliveira
Lopescladius Oliveira, 1967: 417. Type-species, *minutissimus* Oliveira (orig. des.).
Cordites Brundin, 1966: 428 (nom. nud.).

Subgenus CORDIELLA Coffman & Roback
Cordiella Coffman & Roback, 1984: 130. Type-species, *hyporheicus* Coffman & Roback (orig. des.).

hyporheicus. Pa., Va.
Lopescladius hyporheicus Coffman & Roback, 1984: 131.—Pa.26

Subgenus LOPESCLADIUS Oliveira

inermis. Kans.
Lopescladius inermis Sæther, 1983c: 293.—Kans.
verruculosus. Ill., Mex.; NT.
Lopescladius verruculosus Sæther, 1983c: 289.—Mex.

Genus MESOCRICOTOPUS Brundin
Mesocricotopus Brundin, 1956: 114. Type-species, *Trichocladius thienemanni* Goetghebuer (orig. des.).

thienemanni. N.W.T., Alta., Man.; PA.
Trichocladius thienemanni Goetghebuer, 1940: 69.—Sweden.

Genus MESOSMITTIA Brundin
Mesosmittia Brundin, 1956: 163. Type-species: *Spaniotoma flexuella* Edwards, (orig. des.). (*Spaniotoma flexuella* is type-species of *Pseudorthocladius* Goetghebuer (q.v. by Edwards, 1932b: 141) ICZN ruling required).

acutistylus. N. Mex.
Mesosmittia acutistylus Sæther, 1985g: 43.—N. Mex.
lobiga. N. Mex.
Mesosmittia lobiga Sæther, 1985g: 45.—N. Mex.
Spaniotoma flexuella Edwards, 1929: 349 (sensu Sublette & Sublette, 1979: 77, misident.).
mina. Ga.
Mesosmittia mina Sæther, 1985g: 46.—Ga.
patrihortae. Ky., S.C., Ga.
Mesosmittia patrihortae Sæther, 1985g: 47.—S.C.
prolixa. Kans., Ill., Ky., Tenn., N. Mex., Ga.
Mesosmittia prolixa Sæther, 1985g: 48.—Kans.
tora. S. Dak.
Mesosmittia tora Sæther, 1985g: 50.—S. Dak.
Spaniotoma flexuella Edwards, 1929: 349 (sensu Sæther, 1973a: 59, misident.).

Genus METRIOCNEMUS Wulp
Metriocnemus Wulp, 1874: 136.
Type-species, *Chironomus albolineatus* Meigen (Coquillett, 1910: 569).

abdominoflavatus. Ky., N.C., s. to Miss. & Fla.; NT.
Metriocnemus abdomino-flavatus Picado, 1913: 284.—Costa Rica.
aequalis. Ill., N.Y., Ohio.
Metriocnemus aequalis Johannsen, 1934: 348.—N.Y.
albolineatus. Colo., N.Y., Ohio, Grld.; PA.
Chironomus albolineatus Meigen, 1818: 39.—?Germany.
Chironomus atratulus Zetterstedt, 1850: 3590.—Norway.
brusti. Man.
Metriocnemus brusti Sæther, 1989a: 407.—Man.
edwardsi. B.C., Calif.
Metriocnemus edwardsi Jones, 1916: 385.—Calif.
fuscipes. S. Dak., N.Y., Grld.; PA.
Chironomus fuscipes Meigen, 1818: 49.—?Germany.
knabi. Man. to Nfld., s. to Miss. & Fla.; Bermuda.
Metriocnemus knabi Coquillett, 1904: 11.—Mass.
longipennis. Alas.; PA.
Smittia longipennis Holmgren, 1883: 181.—Novaya Zemlya.
obscuripes. N.W.T., Minn., Ont., N.B., S.C., Grld.; PA.
Chironomus obscuripes Holmgren, 1869: 38.—Spitsbergen.
Metriocnemus hygropetricus Kieffer, 1912c: 86.—Germany.
Metriocnemus longitarsus Goetghebuer, 1921: 77.—Belgium.
perfuscus. N.W.T.
Metriocnemus perfuscus Malloch, 1934: 18.—N.W.T.
picipes. Grld.; PA.
Chironomus picipes Meigen, 1818: 52.—Not stated, ?Germany.
polaris. N.W.T., Grld.
Metriocnemus polaris Kieffer, 1926: 87.—N.W.T.
tristellus. Grld.; PA.
Metriocnemus tristellus Edwards, 1929: 312.—England.
ursinus. N.W.T., n. Qué., Grld.; PA.
Chironomus ursinus Holmgren, 1869: 39.—Spitsbergen.
yaquina. Oreg.
Metriocnemus yaquina Cranston & Judd, 1987: 534.—Oreg.

Genus NANOCLADIUS Kieffer
Nanocladius Kieffer, 1913d: 31.
Type-species, *vitellinus* Kieffer (orig. des.).
Microcricotopus Thienemann & Harnisch, 1932: 137.
Type-species, *Cricotopus albicornis* Goetghebuer (Goetghebuer in Goetghebuer & Lenz, 1944: 114) = *Chironomus bicolor* Zetterstedt.

Subgenus NANOCLADIUS Kieffer

alternantherae. N. Mex. to N.C., s. to Fla.
Nanocladius alternantherae Dendy & Sublette, 1959: 510.—Ala.
anderseni. N.W.T., Sask., Man., S. Dak., Nebr., Ill.
Nanocladius anderseni Sæther, 1977b: 16.—Nebr.
crassicornus. Sask., Nebr., Iowa.
Nanocladius crassicornus Sæther, 1977b: 51.—Iowa.
distinctus. N.W.T., B.C. to. Ont., s. to Nebr., Ill., N.C., S.C., Fla.
Orthocladius distinctus Malloch, 1915b: 518.—Ill.
incomptus. Ont., N.C., S.C.
Nanocladius incomptus Sæther, 1977b: 43.—S.C.
mallochi. Ill., Ohio.
Nanocladius mallochi Sublette, 1970: 70 (n. nam. for *Orthocladius distinctus* var. *bicolor* Malloch, 1915b: 519, preocc. Zetterstedt, 1838).—Ill.
minimus. N.C., S.C.
Nanocladius minimus Sæther, 1977b: 21.—S.C.
rectinervis. Man., Ont., N.Y., Colo., Nebr., N.C., S.C.; PA.
Cricotopus rectinervis Kieffer, 1911c: 199.—Germany.
spiniplenus. Sask., Ont., N.B., Ohio, N.C., S.C.
Nanocladius spiniplenus Sæther, 1977b: 37.—Ont.

Subgenus PLECOPTERACOLUTHUS Steffan
Plecopteracoluthus Steffan, 1965: 1330. Type-species, *downesi* Steffan (orig. des.).

branchicolus. Sask., Ont., N.Y.
Nanocladius branchicolus Sæther, 1977b: 12.—Ont.
downesi. Ont., Qué., Mich., N.C.
Plecopteracoluthus downesi Steffan, 1965: 1331.—Qué.

Genus OLIVERIDIA Sæther
Oliveridia Sæther, 1980a: 399 (n. nam. for *Oliveria* Sæther).
Oliveria Sæther, 1976: 48. (preocc. Sutherland, 1965). Type-species, *Trissocladius tricornis* Oliver (orig. des.).

hugginsi. Kans.
Oliveridia hugginsi Ferrington & Sæther, 1987: 452.—Kans.
tricornis. N.W.T., Grld.; PA.
Trissocladius tricornis Oliver, 1976: 1055.—N.W.T.

Genus OREADOMYIA Kevan & Cutten-Ali-Khan
Oreadomyia Kevan & Cutten-Ali-Khan, 1975: 856. Type-species, *albertae* Kevan & Cutten-Ali-Khan (orig. des.).

albertae. Alta.
Oreadomyia albertae Kevan & Cutten-Ali-Khan, 1975: 856.—Alta.

Genus ORTHOCLADIUS Wulp
Orthocladius Wulp, 1874: 132. Type-species, *Tipula stercoraria* De Geer, 1776: 388 sensu Wulp (misident. = *Chironomus oblidens* Walker) (Coquillett, 1910: 581), (ICZN ruling required on conservation of misident. type-species (ICZN 70a)).

Subgenus EUDACTYLOCLADIUS Thienemann
Eudactylocladius Thienemann, 1935: 206 (as genus). Type-species, *Dactylocladius fuscimanus* Kieffer (orig. des.).

dubitatus. N.Y., Pa., Ohio.
Orthocladius dubitatus Johannsen, 1942: 72.—N.Y.
gelidus. N.W.T., Grld.; PA.
Orthocladius gelidus Kieffer, 1922b: 13.—Novaya Zemlya.
mixtus. N.W.T.; PA.
Chironomus mixtus Holmgren, 1869: 45.—Bear Island.
nanseni. N.W.T.
Orthocladius nanseni Kieffer, 1926: 84.—N.W.T.

Subgenus EUORTHOCLADIUS Thienemann
Euorthocladius Thienemann, 1935: 201 (as genus). Type-species, *Orthocladius thienemanni* Kieffer (orig. des.).
Rheorthocladius Thienemann, 1935: 205 (as genus). Type-species, *Orthocladius* saxicola Kieffer (orig. des.).
Lapporthocladius Thienemann in Thienemann & Krüger, 1937: 266 (as genus). Type-species, *Orthocladius abiskoensis* Edwards (orig. des.).

abiskoensis. Can., U.S.A.; PA.
Orhocladius abiskoensis Edwards, 1937: 144.—Sweden.
difficilis. N.W.T., Grld.
Chironomus difficilis Lundbeck, 1898: 282.—Grld.
rivicola. N.W.T., Sask., Grld.; PA.
Orthocladius rivicola Kieffer, 1911c: 181.—Germany.
rivulorum. Sask.; PA.
Orthocladius rivulorum Kieffer, 1909: 48.—Germany.
saxosus. Can., U.S.A.; PA.
Spaniotoma saxosus Tokunaga, 1939: 326.—Japan.
thienemanni. Can., U.S.A., Grld.; PA.
Orthocladius thienemanni Kieffer in Kieffer & Thienemann, 1906: 143.—Germany.

Subgenus ORTHOCLADIUS Wulp

annectens. N.W.T., B.C. to Ont., Minn., N.Y., N.J., Pa., s. to Miss. & Fla.
Orthocladius annectens Sæther, 1969: 61.—Man.
appersoni. Alas., Y.T., Mont., Colo, Calif., N.Y.
Orthocladius appersoni Soponis, 1977: 27.—Calif.

barbicornis. Wash., S. Dak., Minn.; PA.
Tipula barbicornis Linnaeus, 1767: 974.—Europe.

carlatus. Sask., Minn., Ohio, Pa., N.Y., Md., Oreg., Calif., N. Mex., Ark.
Hydrobaenus carlatus Roback, 1957a: 77.—Pa.

charensis. N.W.T., Grld.
Orthocladius charensis Soponis, 1977: 33.—N.W.T.

clarkei. Ont., Minn., Iowa, Ill., Pa., Tex.
Orthocladius clarkei Soponis, 1977: 37.—Ont.

cooki. Minn., Pa.
Orthocladius cooki Soponis, 1977: 41.—Minn.

curtiseta. B.C.
Orthocladius curtiseta Sæther, 1973a: 58 (n. nam. for *Orthocladius breviseta* Sæther, 1969: 65, preocc. Kieffer, 1923c).—B.C.

decoratus. N.W.T., Grld.; PA.
Chironomus decoratus Holmgren, 1869: 43.—Spitsbergen.

dentifer. Alas., N.W.T., Oreg. to Ont., Nev., Wyo.; PA.
Orthocladius dentifer Brundin, 1947: 21.—Sweden.

dorenus. Y.T., N.W.T., Oreg. to N.B., N.Y., Colo., N. Mex., N.C., S.C.
Hydrobaenus dorenus Roback, 1957a: 78.—Pa.
Orthocladius currani Sublette, 1967a: 315.—N.Y.

excavatus. Alta.; PA.
Orthocladius excavatus Brundin, 1947: 20.—Sweden.

ferringtoni. Kans.
Orthocladius ferringtoni Soponis, 1983: 571.—Kans.

frigidus. Grld.; PA.
Chironomus frigidus Zetterstedt, 1838: 811.—Grld., ?Sweden.

groenlandensis. Grld.
Orthocladius groenlandensis Goetghebuer, 1933: 26.—Grld.

hazenensis. N.W.T.
Orthocladius hazenensis Soponis, 1977: 56.—N.W.T.

hellenthali. Alas., N.W.T., Calif., N. Mex.
Orthocladius hellenthali Soponis, 1977: 57.—Calif.

knabeni. Grld.; PA.
Orthocladius knabeni Goetghebuer, 1933: 26.—Grld.

knuthi. N.W.T., Grld.; PA.
Orthocladius knuthi Soponis, 1977: 58.—Grld.

lapponicus. N.W.T., Ohio, Grld.; PA.
Orthocladius lapponicus Goetghebuer, 1940: 60.—Sweden.

mallochi. N.W.T., Wash. to Ont., s. to Calif., N. Mex., Ill., Md.
Orthocladius mallochi Kieffer, 1919b: 191 (n. nam. for *Orthocladius lacteipennis* Malloch, 1915b: 524, preocc. Lundström, 1910).—Mich.

manitobensis. N.W.T., Man., Minn.
Orthocladius manitobensis Sæther, 1969: 69.—Man.

nigritus. Sask. to Qué., s. to Minn. & Va., Utah.
Orthocladius nigritus Malloch, 1915b: 525.—Md.

oblidens. N.W.T., Qué.; PA.
Chironomus oblidens Walker, 1956a: 180.—England.

obumbratus. Alas., widespread s. of N.W.T.
Orthocladius obumbratus Johannsen, 1905: 281.—N.Y.
Hydrobaenus paradorenus Roback, 1957a: 79.—Pa.

oliveri. Oreg. to Qué., s. to Tex., Ala., Pa.
Orthocladius oliveri Soponis, 1977: 87.—Qué.

robacki. Sask., Pa.
Orthocladius robacki Soponis, 1977: 92.—Pa.

smolandicus. N.W.T., Alta., Man., Minn.; PA.
Orthocladius smolandicus Brundin, 1947: 22.—Sweden.

subletti. Idaho, Mont., Calif., Utah & Colo.
Orthocladius subletti Soponis, 1977: 95.—Idaho.

trigonolabis. N.W.T., Colo., Utah, Wyo., N. Mex.; PA.
Orthocladius trigonolabis Edwards, 1924b: 170.—Spitzbergen.

wiensi. Man., S. Dak., Minn.
Orthocladius wiensi Sæther, 1969: 73.—Man.

Subgenus POGONOCLADIUS Brundin
Pogonocladius Brundin, 1956: 99.
Type-species, *Chironomus consobrinus* Holmgren (orig. des.).

consobrinus. N.W.T., Ont., Grld.; PA.
Chironomus consobrinus Holmgren, 1869: 44.—Spitsbergen.

Subgenus SYMPOSIOCLADIUS Cranston
Symposiocladius Cranston, 1982: 419 (as genus). Type-species, *Orthocladius lignicola* Kieffer (orig. des.).

lignicola. Y.T., B.C. to Qué., Oreg., Minn., Tex.; PA.
Orthocladius lignicola Kieffer in Potthast, 1915: 273.—Germany.
Orthocladius tryoni Soponis, 1977: 100.—Minn.

Orthocladius unassigned to subgenus

spitzbergensis. Grld.; PA.
Dactylocladius spitzbergensis Kieffer in Kieffer & Thienemann, 1919: 116.—Spitsbergen.

Genus PARACHAETOCLADIUS Wülker
Parachaetocladius Wülker, 1959: 44 (as subg. of *Chaetocladius* Kieffer, 1911c). Type-species, *abnobaeus* Wülker (mon.).
Habrobaenus Sæther, 1977a: 2354. Type-species, *hudsoni* Sæther (orig. des.).

abnobaeus. Man., Ont., N.S., Pa., Tenn., N.C., S.C., Ga.; PA.
Chaetocladius abnobaeus Wülker, 1959: 44.—Germany.
Habrobaenus hudsoni Sæther, 1977a: 2355.—S.C.
Parachaetocladius abnobeus (error), Sæther & Sublette, 1983: 39.
hirtipectus. B.C.
Parachaetocladius hirtipectus Sæther, 1969: 100.—B.C.
imberbus. B.C., Calif.
Parachaetocladius imberbus Sæther & Sublette, 1983: 44.—Calif.

Genus PARACLADIUS Hirvenoja
Paracladius Hirvenoja, 1973: 90. (n. nam. for *Paratrichocladius* Thienemann).
Paratrichocladius Thienemann, 1942: 314. (preocc. Santos Abreu, 1918). Type-species, *Chironomus inserpens* Walker (orig. des.). = *Chironomus conversus* Walker.

alpicola. N.W.T., Labr.; PA.
Chironomus alpicola Zetterstedt, 1850: 3500.—Sweden.
conversus. N. Mex.; PA.
Chironomus conversus Walker, 1956a: 175.—England.
quadrinodosus. Alas., N.W.T., Grld.; PA.
Paracladius quadrinodosus Hirvenoja, 1973: 98.—Sweden.

Genus PARACRICOTOPUS Thienemann & Harnisch
Paracricotopus Thienemann & Harnisch, 1932: 136. Type-species, *Cricotopus niger* Kieffer (Brundin, 1956: 119).

glaber. S.C.
Paracricotopus glaber Sæther, 1980b: 138.—S.C.
millrockensis. N.C., S.C., Ga.
Paracricotopus millrockensis Caldwell, 1985: 161.—Ga.
mozleyi. Ga.
Paracricotopus mozleyi Steiner, 1983: 329.—Ga.

Genus PARAKIEFFERIELLA Thienemann
Parakiefferiella Thienemann, 1936a: 195. Type-species, *Spaniotoma coronata* Edwards (orig. des.).
Maricladius Sublette, 1970: 84. Type-species, *Camptocladius subaterrimus* Malloch (orig. des.).

bathophila. Can., U.S.A.; PA.
Dactylocladius bathophilus Kieffer, 1912c: 88.—Germany.
coronata. Can., U.S.A.; PA.
Spaniotoma coronata Edwards, 1929: 354.—Great Britain.
gracillima. Alas.; PA.
Camptocladius gracillimus Kieffer, 1924b: 74.—Germany.
nigra. Alas., N.W.T.; PA.
Parakiefferiella nigra Brundin, 1949: 827.—Sweden.
subaterrima. N.W.T., Sask. to Qué., Ill.
Camptocladius subaterrimus Malloch, 1915b: 512.—Ill.
Parakiefferiella torulata Sæther, 1969: 138.—Man.

Genus PARALIMNOPHYES Brundin
Paralimnophyes Brundin, 1956: 129. Type-species, *Camptocladius hydrophilus* Goetghebuer (orig. des.).

arcticus. Alas., N.W.T.; PA.
Paralimnophyes arcticus Brundin, 1956: 130.—Sweden.

Genus PARAMETRIOCNEMUS Goetghebuer
Parametriocnemus Goetghebuer, 1932a: 22 (as subg. of *Metriocnemus* Wulp, 1874). Type-species, *Metriocnemus stylatus* Kieffer (mon.).

eoclivus. Qué.
Parametriocnemus eoclivus Sæther, 1969: 108.—Qué.
graminicola. Y.T., N.W.T., Alta., Grld.
Chironomus graminicola Lundbeck, 1898: 278.—Grld.
hamatus. N.Y. to Maine, s. to Conn.
Metriocnemus hamatus Johannsen, 1934: 349.—N.Y.
lundbeckii. Alta. to Qué., s. to Fla., Calif. to Tex., Grld.
Metriocnemus lundbeckii Johannsen, 1905: 302 (n. nam. for *Chironomus nanus* Lundbeck, 1898: 285, preocc. Meigen, 1818).—Grld.
Metriocnemus innocuus Curran, 1930: 33.—N.Y.
stylatus. Ont.; PA.
Metriocnemus stylatus Kieffer, 1924b: 97.—Germany.
vespertinus. Alta.
Parametriocnemus vespertinus Sæther, 1969: 119.—Alta.

Genus PARAPHAENOCLADIUS Thienemann
Paraphaenocladius Thienemann in Spärck & Thienemann, 1924: 223. Type-species, *Metriocnemus ampullaceus* Kieffer (orig. des.) = *Chironomus impensus* Walker.

brevinervis. N.W.T.
Chironomus brevinervis Holmgren, 1869: 39.—N.W.T.
Metriocnemus despectus Kieffer, 1926: 87.—N.W.T.
debilipennis. N.Y., Grld.
Chironomus debilipennis Lundbeck, 1898: 286.—Grld.
exagitans. S. Dak., Colo., Kans., Wis., Ill., Ohio, N.Y.
Metriocnemus exagitans Johannsen, 1905: 303.—N.Y.
Metriocnemus brachyneura Malloch, 1915b: 498.—Ill.
impensus. Ont., Grld.; PA.
Chironomus impensus Walker, 1956a: 184.—England.
nasthecus. Man., S. Dak.
Paraphaenocladius nasthecus Sæther, 1969: 123.—Man.

Genus PARASMITTIA Strenzke
Parasmittia Strenzke, 1950: 270. Type-species, *carinata* Strenzke (orig. des.).

carinata. N.S.; PA.
Parasmittia carinata Strenzke, 1950: 270.—Austria, Germany.

Genus PARATRICHOCLADIUS Santos Abreu
Paratrichocladius Santos Abreu, 1918: 204 (as subg. of *Orthocladius* Wulp, 1874). Type-species, *Orthocladius tenuipes* Becker, (Hirvenoja, 1973: 88) = *Chironomus rufiventris* Meigen.
Syncricotopus Brundin, 1956: 106. Type-species, *Chironomus rufiventris* Meigen (orig. des.).

nitidus. Man., Utah, Ill., Iowa, N.Y.
Orthocladius nitidus Malloch, 1915b: 515.—Ill.
Trichocladius helis Roback, 1957b: 15.—Utah.
Syncricotopus fontinalis Sæther, 1969: 77.—Man.
rufiventris. Ont.; PA.
Chironomus rufiventris Meigen, 1830: 249.—Middle Europe.
skirwithensis. N.B., N.S.; PA.
Spaniotoma skirwithensis Edwards, 1929: 329.—England.

Genus PARATRISSOCLADIUS Zavrel
Paratrissocladius Zavrel, 1937: 10 (as subg. of *Trissocladius* Kieffer in Kieffer & Thienemann 1908). Type-species, *Trissocladius fluviatilis* Goetghebuer (orig. des.) = *Chironomus excerptus* Walker.

lawrencensis. Ont.
Paratrissocladius lawrencensis Cranston & Oliver, 1988a: 445. —Ont.

Genus PARORTHOCLADIUS Thienemann
Parorthocladius Thienemann, 1935: 213.
Type-species, *Dactylocladius nudipennis* Kieffer (orig. des.).

Unnamed species.—B.C., Oreg., Mont., Alta., Ont.

Genus PLATYSMITTIA Sæther
Platysmittia Sæther, 1982: 503.
Type-species, *fimbriata* Sæther (orig. des.).

bilyji. Man.
Platysmittia bilyji Sæther, 1985a: 528.—Man.
fimbriata. Tenn.
Platysmittia fimbriata Sæther, 1982: 505.—Tenn.

Genus PLHUDSONIA Sæther
Plhudsonia Sæther, 1982: 466.
Type-species, *partita* Sæther (orig. des.).

partita. N.S., Tenn.
Plhudsonia partita Sæther, 1982: 467.—Tenn.

Genus PSECTROCLADIUS Kieffer
Psectrocladius Kieffer, 1906a: 26 (as subgenus of *Orthocladius* Wulp, 1874).
Type-species, *Orthocladius psilopterus* Kieffer (Kieffer, 1906b: 356.).

Subgenus ALLOPSECTROCLADIUS Wülker
Allopsectrocladius Wülker, 1956: 12.
Type-species, *Chironomus dilatatus* Wulp (orig. des.).

flavus. Sask., S. Dak., Ill., N.Y., Pa.
Orthocladius flavus Johannsen, 1905: 270.—N.Y.
nigrus. Alta., Pa.
Psectrocladius nigrus Roback, 1957a: 88.—Pa.

obvius. N.W.T., n. Qué.; PA.
Chironomus obvius Walker, 1956a: 174.—England.

Subgenus MONOPSECTROCLADIUS Wülker
Monopsectrocladius Wülker, 1956: 10.
Type-species, *Spaniotoma calcarata* Edwards (orig. des.).

calcaratus. N.W.T., Alta.; PA.
Spaniotoma calcarata Edwards, 1929: 333.—England.

Subgenus PSECTROCLADIUS Kieffer

barbatimanus. N.W.T., Grld.; PA.
Psectrocladius barbatimanus Kieffer, 1926: 82.— N.W.T.
barbimanus. N.W.T., Sask., S. Dak., Grld.; PA.
Spaniotoma barbimanus Edwards, 1929: 333.—England.
Psectrocladius armatus Andersen, 1937: 56.—Grld.
fennicus. N.W.T., Labr., Grld.; PA.
Psectrocladius fennicus Storå 1939: 24.—Finland.
limbatellus. N.W.T., S. Dak., Grld.; PA.
Chironomus limbatellus Holmgren, 1869: 44.—Spitzbergen.
Psectrocladius edwardsi Brundin, 1949: 816.—Sweden.
psilopterus. Ohio.
Orthocladius psilopterus Kieffer in Kieffer & Thienemann,1906: 144.—Germany.
semicirculatus. Ont.
Psectrocladius semicirculatus Sæther, 1969: 79.—Ont.
simulans. Alta., Sask., Ont., N.Y., Ohio; PA.
Spaniotoma simulans Johannsen, 1937a: 67.—N.Y.
sordidellus. Not NE.
Chironomus sordidellus Zetterstedt, 1838: 814.—Sweden.
vernalis. Ont., Minn. to N.Y., s. to Miss. & Fla., Wyo., Utah, Colo.
Orthocladius vernalis Malloch, 1915b: 520.—Ill.
zetterstedti. B.C., Ont.; PA.
Psectrocladius zetterstedti Brundin, 1949: 816.—Sweden.

Psectocladius unassigned to subgenus

brevicosta. Wash.
Psectrocladius brevicosta Kieffer, 1917: 362.—Wash.
elatus. N.Y. s. to Fla., Neb. s. to Miss.
Psectrocladius elatus Roback, 1957a: 89.—N.J.
pilosus. S. Dak., N.J.
Psectrocladius pilosus Roback, 1957a: 88.—N.J.
polaris. N.W.T.
Psectrocladius polaris Kieffer, 1926: 83.—N.W.T.
spinifer. Calif.
Orthocladius spinifer Johannsen, 1928: 34.—Calif.

Genus PSEUDORTHOCLADIUS Goetghebuer
Pseudorthocladius Goetghebuer, 1932a: 93 (as subg. of *Orthocladius* Wulp, 1874). Type-species, *Hydrobaenus curtistylus* Goetghebuer (Goetghebuer in Goetghebuer & Lenz, 1943: 73). (Technically nom. nud. as no type-species designated in original work (ICZN 13b), see Cranston, 1975).

Subgenus LORDELLA Sæther & Sublette
Lordella Sæther & Sublette, 1983: 95. Type-species, *comans* Sæther & Sublette (orig. des.) = *wingoi* Sæther & Sublette.

wingoi. N.S., N.C., S.C.
Pseudorthocladius wingoi Sæther & Sublette, 1983: 97.—N.C.
Pseudorthocladius comans Sæther & Sublette, 1983: 95.—S.C.

Subgenus PSEUDORTHOCLADIUS Goetghebuer

amplicaudus. S.C.
Pseudorthocladius amplicaudus Sæther & Sublette, 1983: 56.—S.C.
clavatosus. S.C.
Pseudorthocladius clavatosus Sæther & Sublette, 1983: 58.—S.C.
curticornus. Tenn.
Pseudorthocladius curticornus Sæther & Sublette, 1983: 74.—Tenn.
curtistylus. Ont., N.S.; PA.
Pseudorthocladius curtistylus Goetghebuer, 1921: 101.—Belgium.
destitutus. Ont., N.B., N.S., S.C.
Pseudorthocladius destitutus Sæther & Sublette, 1983: 54.—S.C.
dumicaudus. B.C., Calif.
Pseudorthocladius dumicaudus Sæther, 1969: 126.—B.C.
lunatus. Mich.
Pseudortocladius lunatus Sæther & Sublette, 1983: 63.—Mich.
macrostomus. Fla.
Pseudorthocladius macrostomus Soponis, 1980: 486.—Fla.
macrovirgatus. S.C., Ga.
Pseudorthocladius macrovirgatus Sæther & Sublette, 1983: 87.—S.C.
morsei. Qué., N.B., S.C.
Pseudorthocladius morsei Sæther & Sublette, 1983: 85.—S.C.
paravirgatus. S.C.
Pseudorthocladius paravirgatus Sæther & Sublette, 1983: 84.—S.C.
pilosipennis. Ont.; PA.
Pseudorthocladius pilosipennis Brundin, 1956: 139.—Sweden.
rectilobus. Ga.
Pseudorthocladius rectilobus Sæther & Sublette, 1983: 58.—Ga.
tricanthus. N.B., S.C.
Pseudorthocladius tricanthus Sæther & Sublette, 1983: 67.—S.C.
uniserratus. B.C., Ont., Calif., N. Mex., Tenn., S.C.
Pseudorthocladius uniserratus Sæther & Sublette, 1983: 72.—Tenn.
virgatus. Ont., N.S., S.C., Tenn.
Pseudorthocladius virgatus Sæther & Sublette, 1983: 81.—S.C.

Genus PSEUDOSMITTIA Goetghebuer
Pseudosmittia Goetghebuer, 1932a: 126 (as subg. of *Smittia* Holmgren, 1869). Type-species, *Spaniotoma angusta* Edwards (Edwards 1932c: 141). (Technically invalid, no type-species originally designated, ICZN 13(b)).
Prosmittia Brundin, 1956: 165. Type-species, *Pseudosmittia jemtlandica* Brundin (orig. des.).

digitata. Fla.; NT.
Pseudosmittia digitata Sæther, 1981b: 25.—St. Lucia.
forcipatus. Ont., N.B., N.S., Vt., N. Mex.; PA.
Camptochironomus forcipatus Goetghebuer, 1921: 87.—Belgium.

Smittia triappendiculata Goetghebuer, 1931: 217.—Belgium.

nanseni. Alas. to N.W.T., Man., Ont., N.B., Calif., Grld.
Camptocladius nanseni Kieffer, 1926: 85.—N.W.T.

ossaiana. Grld.; PA.
Camptocladius ossianus Edwards, 1922: 204.—Bear Island.

setavena. B.C.
Pseudosmittia setavena Sæther, 1969: 144.—B.C.

Genus PSILOMETRIOCNEMUS Sæther
Psilometriocnemus Sæther, 1969: 105. Type-species, *triannulatus* Sæther (orig. des.).

triannulatus. Ont. to N.S., Minn., N.H., Kans., Tenn., S.C.
Psilometriocnemus triannulatus Sæther, 1969: 107.—N.H.
Psilometriocnemus cristatus Sæther, 1982: 480.—S.C.

Genus RHEOCRICOTPUS Thienemann & Harnisch
Rheocricotopus Thienemann & Harnisch, 1932: 135. Type-species, *Chironomus effusus* Walker (Brundin, 1956: 118).

Subgenus PSILOCRICOTOPUS Sæther
Psilocricotopus Sæther, 1985i: 72. Type-species, *Cricotopus atripes* Kieffer (orig. des.).

chapmani. Grld.; PA.
Spanitoma chapmani Edwards, 1935: 471.—Grld.

confluxirus. S.C.
Rheocricotopus confluxirus Sæther, 1985i: 72.—S.C.

glabricollis. Man., Pa., Tenn., N.C., S.C.; PA.
Chironomus glabricollis Meigen, 1830: 248.—Europe.
Trichocladius gouini Goetghebuer in Gouin, 1936: 167.—France.
Trichocladius extatus Roback, 1957a: 84.—Pa.

robacki. Ont., Mont. to N.Y., s. to Miss. & Fla.
Trichocladius robacki Beck & Beck, 1964: 204.—Fla.

Rheocricotopus kenorensis Sæther, 1969: 88.—Ont.

Subgenus RHEOCRICOTOPUS Thienemann & Harnisch

amplicristatus. S.C.
Rheocricotopus amplicristatus Sæther, 1985i: 95.—S.C.

effusoides. S. Dak.; PA.
Rheocricotopus effusoides Sæther, 1985i: 98.—S.D.

effusus. Ill., N.C., S.C.; PA.
Chironomus effusus Walker, 1956a: 180.—England.
Orthocladius striatus Malloch, 1915b: 517.—Ill.

eminellobus. Alta., Ont., Tenn., N.C., S.C.
Rheocricotopus eminellobus Sæther, 1969: 85.—Alta.

pauciseta. B.C., Alta.
Rheocricotopus pauciseta Sæther, 1969: 87.—B.C.

tuberculatus. S.C., Ga.
Rheocricotopus tuberculatus Caldwell, 1984: 84.—Ga.

unidentatus. Ohio.
Rheocricotopus unidentatus Sæther & Schnell, 1988: 68.—Ohio.

Genus RHEOSMITTIA Brundin
Rheosmittia Brundin in Cranston & Sæther, 1986: 33 (as subg. of *Parakiefferiella* Brundin 1956: 150, invalid). Type-species, *Parakiefferiella spinicornis* Brundin (Brundin in Cranston & Sæther, 1986: 33).

Unnamed species.—Widespread NE.

Genus SAETHERIELLA Halvorsen
Saetheriella Halvorsen, 1982: 132. Type-species, *amplicristata* (orig. des.).

amplicristata. Tenn.
Saetheriella amplicristata Halvorsen, 1982: 133.—Tenn.

Genus SMITTIA Holmgren
Smittia Holmgren, 1869: 47. Type-species, *Chironomus brevipennis* Boheman (mon.).

arctica. Alas.
Smittia arctica Malloch, 1923: 175.—Alas.
aterrima. Ont., N.Y., N.J., N. Mex., Ill., Ky., N.C., s. to Miss. & Fla., Grld.; PA.; AU.
Chironomus aterrima Meigen, 1818: 47.—Europe.
crassicollis. Ont.
Chironomus crassicollis Walker, 1848: 18.—Ont.
edwardsi. N. Mex.; PA.
Smittia edwardsi Goetghebuer, 1932a: 123.—England.
extrema. N.W.T., Grld.; PA.
Chironomus extremus Holmgren, 1869: 40.—Spitsbergen.
lasiophthalma. Ill.; PA.
Camptocladius lasiophthalmus Malloch, 1915b: 509.—Ill.
lasiops. Ill., Fla.; ?PA.
Camptocladius lasiops Malloch, 1915b: 508.—Ill.
longitibia. Grld.
Smittia longitibia Goetghebuer, 1933: 29.—Grld.
nanseni. N.W.T.
Camptocladius nanseni Kieffer, 1926: 86.—N.W.T.
parva. Grld.
Chironomus parvus Lundbeck, 1898: 275.—Grld.
polaris. N.W.T.
Camptocladius polaris Kieffer, 1926: 85.—N.W.T.
polymorpha. N.W.T., Grld.
Smittia polymorpha Andersen, 1937: 76.—Grld.
roena. Utah.
Smittia roena Roback, 1957b: 16.—Utah.
subnudipennis. Grld.
Smittia subnudipennis Goetghebuer, 1933: 28.—Grld.
velutina. N.W.T., Grld.
Chironomus velutinus Lundbeck, 1898: 274.—Grld.

Genus STILOCLADIUS Rossaro
Stilocladius Rossaro, 1979: 351. Type-species, *montanus* Rossaro (orig. des.).

clinopecten. N.S., N.C., S.C.
Stilocladius clinopecten Sæther, 1982: 494.—S.C.

Genus SUBLETTIELLA Sæther
Sublettiella Sæther, 1983b: 222. Type-species, *calvata* Sæther (orig. des.)

calvata. S.C.
Sublettiella calvata Sæther, 1983b: 223.—S.C.

Genus SYMBIOCLADIUS Kieffer
Symbiocladius Kieffer, 1925a: 565. Type-species, *Phaenocladius rhithogenae* Zavrel (orig. des.).

Subgenus SYMBIOCLADIUS Kieffer

chattahoocheensis. Ga.
Symbiocladius chattahoocheensis Caldwell, 1984: 86.—Ga.
equitans. Utah, Calif., Colo., Vt.
Trissocladius equitans Claassen, 1922: 397.—Colo.

Genus SYNORTHOCLADIUS Thienneman
Synorthocladius Thienemann, 1935: 211. Type-species, *Dactylocladius semivirens* Kieffer (orig. des.).

semivirens. Widespread NE.; PA.
Dactylocladius semivirens Kieffer, 1909: 48.—Germany.

Genus TETHYMYIA Wirth
Tethymyia Wirth, 1949: 160. Type-species, *aptena* Wirth (orig. des.).

aptena. Calif.
Tethymyia aptena Wirth, 1949: 161.—Calif.

Genus THALASSOSMITTIA Strenzke & Remmert
Thalassosmittia Strenzke & Remmert, 1957: 270. Type-species, *Camptocladius thalassophilus* Bequaert & Goetghebuer (orig. des.).
Saunderia Sublette, 1967a: 318. Type-species, *Camptocladius clavicornis* Saunders (orig. des.).

clavicornis. B.C. s. to Calif.
Camptocladius clavicornis Saunders, 1928: 528.—B.C.

marina. B.C. s. to Calif.
Camptocladius marinus Saunders, 1928: 526.—B.C.
pacifica. B.C. s. to Calif.
Camptocladius pacificus Saunders, 1928: 523.—B.C.

Genus THIENEMANNIA Kieffer
Thienemannia Kieffer, 1909: 49. Type-species, *gracilis* Kieffer (mon.).

pilinucha. Tenn.
Thienemannia pilinucha Sæther, 1985d: 127.—Tenn.

Genus THIENEMANNIELLA Kieffer
Thienemanniella Kieffer, 1911c: 201 (as subg. of *Corynoneura* Winnertz, 1846). Type-species, *Corynoneura clavicornis* Kieffer (Goetghebuer in Goetghebuer & Lenz, 1939b: 7).

cubitus. B.C.
Corynoneura cubitus Garrett, 1925: 10.—B.C.
elana. Utah.
Corynoneura elana Roback, 1957b: 10.—Utah.
majuscula. Ont.; PA.
Corynoneura majuscula Edwards, 1924c: 183.—England.
mallochi. N. Mex., Tex.
Thienemanniella mallochi Sublette, 1970: 88.—Tex.
similis. N.Y., Ohio., Ill., N. Mex., Tex.
Corynoneura similis Malloch, 1915b: 413.—Ill.
xena. Ont., Ill. to N.Y., s. to Fla.
Corynoneura xena Roback, 1957a: 61.—Pa.

Genus TOKUNAGAIA Sæther
Tokunagaia Sæther, 1973a: 56. Type-species, *Spaniotoma kibunensis* Tokunaga (orig. des.).

excellens. B.C.; PA.
Eukiefferiella excellens Brundin, 1956: 89.—Sweden.
obriaini. N.W.T.
Tokunagaia obriaini Hayes & Murray, 1988: 361.—N.W.T.
rowensis. Alta., Ont.
Adactylocladius rowensis Sæther, 1969: 58.—Alta.

Genus TRICHOCHILUS Sæther
Trichochilus Sæther, 1985f: 31. Type-species, *Trichocladius lacteipennis* Johannsen (orig. des.).

lacteipennis. Pa.
Trichocladius lacteipennis Johannsen, 1908: 282.—Pa.

Genus TVETENIA Kieffer
Tvetenia Kieffer, 1922b: 12. Type-species, *duodenaria* Kieffer (orig. des.).

calvescens. N. Mex.; PA.
Spaniotoma calvescens Edwards, 1929: 353.—England.
duodenaria. Y.T., N.W.T.; PA.
Tvetenia duodenaria Kieffer, 1922b: 12.—Novaya Zemlya.
paucunca. Y.T., N.W.T., Alta., Man., Ont.
Eukiefferiella paucunca Sæther, 1969: 46.—Alta.
vitracies. Sask., Ont.
Eukiefferiella vitracies Sæther, 1969: 49.—Ont.

Genus UNNIELLA Sæther
Unniella Sæther, 1982: 502. Type-species, *multivirga* Sæther (orig. des.).

multivirga. S.C., Ga., Fla.
Unniella multivirga Sæther, 1982: 503.—Fla.

Genus VIVACRICOTOPUS Schnell & Sæther
Vivacricotopus Schnell & Sæther, 1988: 49. Type-species, *ablusus* Schnell & Sæther (orig. des.).

piloculus. N.W.T.
Hydrobaenus piloculus Cranston & Oliver, 1988a: 435.—N.W.T.

Genus XYLOTOPUS Oliver
Xylotopus Oliver, 1982: 167. Type-species, *Orthocladius par* Coquillett (orig. des.).

par. Ont. to N.S., s. to Utah, Tex. & Fla.
Orthocladius par Coquillett, 1901b: 608.—N.J.
Eurycnemus scitulus Coquillett, 1901b: 608.—N.J.

Metriocnemus par Johannsen, 1905: 301.—N.Y.

Genus ZALUTSCHIA Lipina
Zalutschia Lipina, 1939: 106.
Type-species, *zalutschicola* Lipina (orig. des.).

briani. N.C., S.C., Fla.
Zalutschia briani Soponis, 1979: 125.—Fla.
furcarca. N.W.T.
Zalutschia furcarca Sæther, 1976: 217.—N.W.T.
lingulata. B.C., Ont., Qué., Ind.
Zalutschia lingulata Sæther, 1976: 222.—Ont.
Zalutschia lingulata lingulata Sæther, 1976: 223.—Ont.
Zalutschia lingulata pauca Sæther, 1976: 228.—B.C.
obsepta. Ont., Qué.
Orthocladius obseptus Webb, 1969: 91.—Ont.
pusa. Man.
Zalutschia pusa Sæther, 1976: 234.—Man.
sivertseni. N.B., N.S.; PA.
Eukiefferiella sivertseni Aagard, 1979: 95.—Norway.
tatrica. Alas.; PA.
Spaniotoma tatrica Pagast in Zavrel & Pagast, 1935: 156.—Czechoslovakia.
tornetraeskensis. Not NE.
Orthocladius torneträskensis Edwards in Thienemann, 1941: 211.—Sweden.
trigonacies. Alas., N.W.T.
Zalutschia trigonacies Sæther, 1976: 242.—N.W.T.
vockerothi. Qué.
Zalutschia vockerothi Sæther, 1976: 219.—Qué.
xethis. Utah.
Hydrobaenus xethis Roback, 1957b: 13.—Utah.
zalutschicola. Alas. to N.W.T., s. to Man., N.H. & S.C.; PA.
Zalutschia zalutschicola Lipina, 1939: 96.—U.S.S.R.

Incerta sedis in Orthocladiinae
Camptocladius flavibasis Malloch, 1915b: 511.—Ill.
Hydrobaenus anteilis Roback, 1957b: 14.—Utah.
Orthocladius albidohalteralis Malloch, 1915b: 528.—Ill.
Orthocladius bifasciatus Malloch, 1918: 42.—Ill.
Orthocladius clepsydrus Coquillett, 1902b: 92.—N. Mex.
Trichocladius ater Goetghebuer, 1955: 167.—Grld.
Trichocladius septris Roback, 1957b: 14.—Utah.

Nomina dubia in Orthocladiinae
Camptocladius fulvipluma Kieffer, 1926: 85.—N.W.T.
Camptocladius glacialis Kieffer, 1926: 85.—N.W.T.
Chironomus minutus Zetterstedt, 1850: 3522.—Sweden.
Chironomus pubitarsis Zetterstedt, 1850: 3514.—Sweden.
Metriocnemus similis Kieffer, 1922b: 11.—Novaya Zemlya.
Orthocladius sordens Johannsen, 1905: 272.—N.Y.

Subfamily CHIRONOMINAE

Tribe CHIRONOMINI

Genus ACALCARELLA Shilova
Acalcarella Shilova, 1955: 319.
Type-species, *Cryptochironomus nucus* Pankratova (orig. des.).

Unnamed species. —N.W.T., Ont.

Genus APEDILUM Townes
Apedilum Townes, 1945: 32.
Type-species, *subcinctum* Townes (orig. des.).

elachistus. Mass. to Va., Calif. to N.C. & Fla.
Apedilum elachistus Townes, 1945: 33.—Tex.
subcinctum. Ont., Calif., Nev. to N. Mex., Okla., Fla.
Apedilum subcinctum Townes, 1945: 33.—Nev.
Paralauterborniella subcincta alamedensis Sublette, 1960: 203.—Calif.
Paralauterborniella subcincta subcincta (Townes), 1945: 33.—Calif.

Genus ASHEUM Sublette & Sublette
Asheum Sublette & Sublette, 1983: 34 (n. nam. for *Pedionomus* Sublette).
Pedionomus Sublette, 1964b: 137 (preocc. Gould, 1840). Type-species, *beckae* Sublette (orig. des.).

beckae. N. Mex. to N.C., s. to Fla.
Pedionomus beckae Sublette, 1964b: 137.—La.

Genus AXARUS Roback
Axarus Roback, 1980b: 32 (n. nam. for *Anceus* Roback).
Anceus Roback, 1963a: 237 (preocc. Risso, 1816). Type-species, *Chironomus festivus* Say (orig. des.).

dorneri. Tex., Fla.
Chironomus dorneri Malloch, 1915b: 471.—Tex.
festivus. Qué. s. to Kans. & Tex.
Chironomus festivus Say, 1823: 13.—Ill.
Chironomus lineatus Say, 1823: 14.—Pa.
Chironomus lineola Say, emend. Wiedemann, 1828.
Chironomus lasiomerus Walker, 1848: 19.—Ont.
rogersi. Ky., N.C., s. to Miss. & Fla.
Xenochironomus rogersi Beck & Beck, 1958: 27.—Fla.
scopula. Alta. to N.Y., s. to Kans. & Ohio.
Xenochironomus scopula Townes, 1945: 93.—Qué.
taenionotus. Iowa to Mich., Pa., s. to Tex. & Fla.
Chironomus taenionotus Say, 1829: 149.—Ind.

Genus BEARDIUS Reiss & Sublette
Beardius Reiss & Sublette, 1985: 179. Type-species, *parcus* (orig. des.).

truncatus. Tex.
Beardius truncatus Reiss & Sublette, 1985: 188.—Tex.

Genus BECKIDIA Sæther
Beckidia Sæther, 1979: 315 (n. nam. for *Beckiella* Sæther).
Beckiella Sæther, 1977b: 119 (preocc. Grandjean, 1964). Type-species, *Harnischia tethys* Townes (orig. des.).

tethys. Sask., Ont., Qué., S. Dak., N. Mex.; PA.
Harnischia tethys Townes, 1945: 152.—S. Dak.

Genus CHERNOVSKIIA Sæther
Chernovskiia Sæther, 1977b: 107. Type-species, *Harnischia orbicus* Townes (orig. des.).

amphitrite. Alta., Sask., S. Dak., Kans., Neb., Iowa, N.C., S.C.
Harnischia amphitrite Townes, 1945: 151.—S. Dak.
orbicus. S. Dak., Neb., Iowa, Kans., N.C., S.C., Calif.; PA.
Harnischia orbicus Townes, 1945: 151.—Kans.

Genus CHIRONOMUS Meigen
Chironomus Meigen, 1803: 260. Type-species, *Tipula plumosa* Linnaeus (Latreille, 1810: 442).
Tendipes Meigen, 1800: 17. *Tendipes* suppressed by ICZN, 1963b: 339 (Opinion 678).
Holtedahlia Kieffer, 1922b: 5. Type-species, *borealis* Kieffer (orig. des.).

Subgenus CAMPTOCHIRONOMUS Kieffer
Camptochironomus Kieffer, 1918a: 45. Type-species, *Chironomus aprilinus* Meigen, 1830 sensu Kieffer (misident. = *Chironomus tentans* Fabricius) (Goetghebuer in Goetghebuer & Lenz, 1937: 21).

grandivalva. Alas., N.W.T.; PA.
Tendipes grandivalva Shilova, 1957: 226.—U.S.S.R.

pallidivittatus. Sask., Ill.; PA.
Chironomus tentans var. *pallidivittatus* Malloch, 1915b: 445.—Ill.
tentans. Alas., N.W.T., B.C. to Qué., s. to S. Dak., Ohio, N.Y., N. Mex.; PA.
Chironomus tentans Fabricius, 1805: 38.—Europe.
vockerothi. Alta.
Chironomus vockerothi Rasmussen, 1984: 1643.—Alta.

Subgenus CHAETOLABIS Townes
Chaetolabis Townes, 1945: 114 (as subg. of *Tendipes* Meigen, 1800). Type-species, *Tendipes atroviridis* Townes (orig. des.).

atroviridis. B.C. to Ont., N.Y., Mass., s. to Iowa & Va.
Tendipes atroviridis Townes, 1945: 114.—N.Y.
ochreatus. Qué., Mich., Maine, N.J., s. to Ark. & Fla.
Tendipes ochreatus Townes, 1945: 115.—N.J.

Subgenus CHIRONOMUS Meigen

anonymus. Calif., Tex.; NT.
Chironomus anonymus Williston, 1896: 274.—St. Vincent.
anthracinus. B.C., Alta., Sask., Wis. to N.Y., Mass., Calif.; PA.
Chironomus anthracinus Zetterstedt, 1860: 6499.—Sweden.
Chironomus rempelii Thienemann, 1941: 234.—Sask.
Chironomus hyperboreus authors, not Staeger.
athalassicus. B.C.
Chironomus athalassicus Cannings, 1975: 447.—B.C.
atrella. B.C. to P.E.I., s. to Calif. & N. Mex.
Tendipes atrella Townes, 1945: 124.—Nev.
atritibia. N.W.T., B.C., Ont., Qué., N.Y.
Chironomus atritibia Malloch, 1934: 16.—N.W.T.
biseta. Hudson Bay Territory.
Tendipes biseta Townes, 1945: 127.—Hudson Bay Territory.
brevipalpis. N.W.T.
Holtedahlia brevipalpis Kieffer, 1926: 78.—N.W.T.
crassicaudatus. Man., Ont., S. Dak., Minn. to N.J., s. to N. Mex. & Fla.
Chironomus crassicaudatus Malloch, 1915b: 453.—Ill.
cucini. Ont., Ind., Calif.
Chironomus cucini Webb, 1969: 105.—Ont.
decorus. N.W.T. to Qué., Wash., Nebr., S. Dak., Iowa, Ill., N.Y., Ohio, Kans., N. Mex., Fla.
Chironomus decorus Johannsen, 1905: 239.—Wash., Nebr., Kans., Iowa, Ill., Ohio, N.Y.
Chironomus similis Johannsen, 1905: 236.—Ill., S. Dak., N.Y.
Chironomus cayugae Johannsen in Tilbury, 1913: 308.—N.Y.
Chironomus distinguendus Kieffer, 1917: 346.—Wash.
decumbens. N.W.T., Man.
Chironomus decumbens Malloch, 1934: 16.—N.W.T.
frommeri. Oreg., Calif., Utah, N. Mex.
Chironomus frommeri Atchley & Martin, 1971: 319.—Calif.
hyperboreus. Alas., N.W.T., Alta., Sask., Colo., Grld.; PA.
Chironomus hyperboreus Staeger, 1845: 349.—Grld.
major. Okla., Ga.
Chironomus major Wülker & Butler, 1983: 128.—Ga.
maturus. Alta., Man. to N.Y., S. Dak., Ind., Calif., N. Mex., La.
Chironomus maturus Johannsen, 1908: 279.—N.Y.
pilicornis. Alas., N.W.T., Alta. to Man.; PA.
Tipula pilicornis Fabricius, 1794: 243.—Europe.
Chironomus polaris Kirby, 1824: 218.—Amer. within the Arctic Circle.
plumosus. Widespread NE.; PA.; NT.
Tipula plumosa Linnaeus, 1758: 587.—Europe.
Tipula annularis De Geer, 1776: 379.—Europe.
Chironomus cristatus Fabricius, 1805: 39.—N.Y.
Chironomus ferrugineovittatus Zetterstedt, 1850: 3492.—Sweden.
Chironomus imperator Walley, 1926a: 64.—Ont.
prior. Alas.
Chironomus prior Butler, 1982: 222.—Alas.

pungens. D.C., Fla.
Tendipes pungens Townes, 1945: 119.—Fla.
riparius. Widespread NE., Grld.; PA.
Chironomus riparius Meigen, 1804: 13.—Europe.
Chironomus albistria Walker, 1848: 17.—Ont.
Chironomus serus Malloch, 1915b: 481.—Ill.
Chironomus militaris Johannsen, 1937b: 46.—N.Y.
sanctipauli. Alas.
Chironomus sanctipauli Sublette, 1966: 604 (n. nam. for *Chironomus conformis* Malloch, 1923: 172, preocc. Holmgren, 1869).—Alas.
staegeri. Widespread Can. s. to Calif., Ala., N.C., S.C., Grld.; PA.
Chironomus staegeri Lundbeck, 1898: 271.—Grld.
Chironomus fasciventris Malloch, 1915b: 438.—Ill.
stigmaterus. Wash. to N.Y., s. to Calif. & Fla.
Chironomus stigmaterus Say, 1823: 15.—?Pa.
Chironomus glaucurus Wiedemann, 1828: 15.—Pa.
tardus. Alas.
Chironomus tardus Butler, 1982: 222.—Alas.
tuberculatus. Alta., S. Dak., Hudson Bay Territory.
Tendipes tuberculatus Townes, 1945: 128.—Hudson Bay Territory.
tuxis. Man., Ont., Minn. to Maine, s. to Ill. & N.J., Fla.
Chironomus tuxis Curran, 1930: 31.—N.Y.
utahensis. Sask., Man. to Oreg. & Minn., s. to Calif., N. Mex.
Chironomus utahensis Malloch, 1915b: 438.—Utah.
vancouveri. B.C.
Chironomus vancouveri Michailova & Fischer, 1986: 99.—B.C.
whitseli. Calif., N. Mex.
Chironomus whitseli Sublette & Sublette, 1974: 7.—Calif.

Subgenus LOBOCHIRONOMUS Ryser, Wülker & Scholl
Lobochironomus Ryser, Wülker & Scholl, 1985: 386. Type-species, *montuosus* (orig. des.).

longipes. Ont.; PA.
Chironomus longipes Staeger, 1839: 570.—Denmark.
Chironomus dorsalis authors, not Meigen.
mendax. Calif.; PA.
Chironomus mendax Storå, 1936: 124.—Finland.

Nomina dubia in Chironomus
Chironomus attenuatus Walker, 1848: 20.—Ont.
Chironomus bifimbriatus Kieffer, 1922f: 145.—Tex.
Chironomus lasiopus Walker, 1848: 19.—Ont.
Chironomus redeuns Walker, 1956b: 422.—U.S.A.

Incerta sedis in Chironomus
Chironomus bimacula Walker, 1848: 15.—Ont.
Chironomus borealis Curtis, 1835: lxxvii.—Arctic Amer.
Chironomus excavatus Kieffer, 1917: 348.—N.Y.
Chironomus excisus Kieffer, 1917: 346.—Pa.
Chironomus halophilus Packard in Verrill, 1873: 539.—Mass.
Chironomus harti Malloch, 1915b: 457.—Ill.
Chironomus melanderi Kieffer, 1917: 347.—Wash.
Chironomus nigritibia Walker, 1848: 16.—Ont.
Chironomus trichomerus Walker, 1848; 21.—Ont.

Genus CLADOPELMA Kieffer
Cladopelma Kieffer, 1921c: 274. Type-species, *Chironomus virescens* Meigen, (Harnisch, 1923: 304).
Cryptocladopelma Lenz, 1941a: 37 (nom. nud.).

amachaerus. Ont., Qué., Minn., Ill., N.H., s. to Miss. & Fla., Calif.
Harnischia amachaerus Townes, 1945: 168.—N.Y.
boydi. Ky., N.C., s. to Miss. & Fla. Mex.; NT.
Chironomus boydi Beck, 1962: 91.—Fla.
collator. S. Dak., Minn., Ont., Qué., Ohio, N.Y., Okla., Fla.
Harnischia collator Townes, 1945: 169.—N.Y.

edwardsi. B.C., Ont., N.Y., Calif., Nev., Ariz., Ky., N.C. s. to Miss. and Fla.; PA.
Tendipes edwardsi Kruseman, 1933: 194.—Netherlands.
galeator. Iowa, Ohio, N. Mex. to N.C., s. to Fla.
Harnischia galeator Townes, 1945: 170.—Fla.
spectabilis. Ont.
Harnischia spectabilis Townes, 1945: 168.—Ont.
viridula. Alas., N.W.T., Sask., Minn. to N.Y., Calif. to N.C., s. to Fla.; PA.
Tipula viridula Linnaeus, 1767: 975.—Sweden.

Genus CRYPTOCHIRONOMUS Kieffer
Cryptochironomus Kieffer, 1918a: 46 (as subg. of *Chironomus* Meigen, 1803). Type-species, *Chironomus chlorolobus* Kieffer (orig. des.) = *Chironomus supplicans* Meigen.

argus. Pa.
Cryptochironomus argus Roback, 1957a: 106.—Pa.
blarina. Alta. to Ont., Minn. to N.Y., s. to N. Mex. & Fla.
Cryptochironomus blarina Townes, 1945: 99.—N.Y.
conus. Sask., Ont.
Cryptochironomus conus Mason, 1986: 400.—Sask.
curryi. Sask.
Cryptochironomus curryi Mason, 1986: 404.—Sask.
digitatus. Y.T., N.W.T., Sask. to Ont., Nfld., Mass. s. to N. Mex. to Ga.
Chironomus digitatus Malloch, 1915b: 483.—Ill.
eminentia. Sask.
Cryptochironomus eminentia Mason, 1986: 406.—Sask.
fulvus. Mont., Sask., Man. to N.B., s. to Calif. & Fla.
Chironomus fulvus Johannsen, 1905: 224.—N.Y.
Chironomus mallochi Kieffer, 1919b: 191 (n. nam. for *Chironomus abbreviatus* Malloch, 1915b: 451, preocc. Kieffer, 1913a).—Ill.
Chironomus parvilamellatus Malloch, 1915b: 479.—Ill.
parafulvus. Fla.
Chironomus parafulvus Beck & Beck, 1964: 201.—Fla.
ponderosus. S. Dak., Ohio, N. Mex., Okla., Ark., La., N.C., S.C.
Chironomus ponderosus Sublette, 1964b: 129.—La.
psittacinus. Alas. to N.Y., s. to Oreg. & Ky.; PA.
Chironomus psittacinus Meigen, 1830: 247.—Europe.
Chironomus stylifera Johannsen, 1908: 281.—N.Y.
Chironomus obtusilobus Malloch, 1923: 171.—Alas.
Chironomus farinalis Walley, 1926b: 205.—Alta.
ramus. Sask.
Cryptochironomus ramus Mason, 1986: 409.—Sask.
scimitarus. Alta., Ont., Mich., N.Y., Md., Fla.
Cryptochironomus scimitarus Townes, 1945: 98.—N.Y.
sorex. Mich., N.Y., Okla., Tex., N.C., S.C., Fla.
Cryptochironomus sorex Townes, 1945: 97.—N.Y.

Genus CRYPTOTENDIPES Lenz
Cryptotendipes Lenz, 1941a: 34. Type-species, *Chironomus usmaensis* Pagast (Beck & Beck, 1969: 294).

ariel. B.C., S. Dak., Kans., Calif.
Tendipes ariel Sublette, 1960: 222.—Calif.
casuarius. Alta., Man., Ont., N.Y., Kans., Ky., N.C., s. to Fla.
Harnischia casuaria Townes, 1945: 162.—N.Y.
darbyi. Man., S. Dak., Calif., Nev., Ariz., N. Mex.; PA.
Tendipes darbyi Sublette, 1960: 221.—Calif.
emorsus. Man., Qué., N.Y., N.J., D.C., S. Dak., Kans., Iowa, Ohio, Ky., N.C., s. to Fla.
Harnischia emorsa Townes, 1945: 161.—N.Y.
pilicuspis. Man.
Cryptotendipes pilicuspis Sæther, 1977b: 98.—Man.
pseudotener. S. Dak., Mich., N.Y., Ohio, Pa., D.C.; PA.
Cryptochironomus pseudotener Goetghebuer, 1922: 38.—Belgium.

Genus CYPHOMELLA Sæther
Cyphomella Sæther, 1977b: 101. Type-species, *gibbera* Sæther (orig. des.).

argentea. Ont., N.J.
Harnischia argentea Townes, 1945: 164.—Ont.
cornea. S. Dak., Kans.; PA.
Cyphomella cornea Sæther, 1977b: 105.—S. Dak.
gibbera. Sask., S. Dak.
Cyphomella gibbera Sæther, 1977b: 103.—S. Dak.
grisea. Mont., Mich., Ill., Okla., Tex.
Chironomus griseus Malloch, 1915b: 468.—Mich.

Genus DEMEIJEREA Kruseman
Demeijerea Kruseman, 1933: 154. Type-species, *Tipula rufipes* Linnaeus (orig. des.).

abruptus. N.Y., Mo.
Glyptotendipes abruptus Townes, 1945: 138.—N.Y.
atrimana. Alta., Ont., N.Y., Conn., Md., Mo. to N.C., s. to Fla.
Chironomus atrimanus Coquillett, 1902b: 94.—Mo.
brachialis. Man., Ont., N.Y. to N.J., Oreg., Utah, Ark., Ky., N.C., s. to Fla.
Chironomus brachialis Coquillett, 1901b: 607.—N.J.
obreptus. N.Y., N.C., S.C.
Glyptotendipes obreptus Townes, 1945: 139.—S.C.

Genus DEMICRYPTOCHIRONOMUS Lenz
Demicryptochironomus Lenz, 1941a: 34. Type-species, *Chironomus vulneratus* Zetterstedt, 1838: 814 (mon.). (Junior synonym of *Schadinia* Lipina, 1939: 107, for stability it is recommended that *Demicryptochironomus* be used until a ruling is given by the ICZN).

Subgenus DEMICRYPTOCHIRONOMUS

vulneratus. Not NE.
Chironomus vulneratus Zetterstedt, 1838: 814.—Sweden.

Subgenus IRMAKIA Reiss
Irmakia Reiss, 1988: 1. Type-species, *schachti* Reiss (orig. des.).

cuneatus. Man., Qué., s. to Iowa & N.J., N.C., S.C.
Harnischia cuneata Townes, 1945: 163.—N.J.
fastigatus. Qué., N.B., N.Y., Mich., Ill.
Harnischia fastigata Townes, 1945: 162.—N.Y.

Genus DICROTENDIPES Kieffer
Dicrotendipes Kieffer, 1913d: 23. Type-species, *pictipennis* Kieffer (preocc. Philippi, 1865) = *Polypedilum quatuordecimpunctatum* Goetghebuer, 1936 = *Dicrotendipes pilosimanus* Kieffer, 1914= *Chironomus septemmaculatus* Becker, 1908 (mon.).
Limnochironomus Kieffer, 1920a: 166. Type-species, *Tendipes falciformis* Kieffer (orig. des.) = *Chironomus nervosus* Staeger.

adnilus. Ariz.
Dicrotendipes adnilus Epler, 1987: 28.—Ariz.
aethiops. Utah, Ariz., N. Mex., Fla., Mex.
Tendipes aethiops Townes, 1945: 107.—N. Mex.
botaurus. Man., Mont., Mich., Kans., Okla.
Tendipes botaurus Townes, 1945: 109.—Mont.
californicus. Oreg. to Tex., Mex.; NT.
Chironomus californicus Johannsen, 1905: 217.—Calif.
crypticus. Calif., N. Mex., Kans.; NT.
Dicrotendipes crypticus Epler, 1987: 39.—N. Mex.
fumidus. Ont., Nfld., Wash., Oreg. to N.H., s. to N. Mex. & Ala.
Chironomus fumidus Johannsen, 1905: 221.—N.Y.
Chironomus incognitus Malloch, 1915b: 480.—Ill.
leucoscelis. Ont. to N.B., Minn., Mich. to N.J., Idaho, Ky., N.C., s. to Miss. & Fla.
Tendipes leucoscelis Townes, 1945: 104.—Idaho.
lobiger. Alas., N.W.T., Man., Idaho, Wyo., Ind., Mich., N.Y.; PA.
Limnochironomus lobiger Kieffer, 1921a: 71.—Germany.

lobus. Ky., N.C., s. to Miss. & Fla.
Chironomus lobus Beck, 1962: 89.—Fla.
lucifer. Sask., Ont., widespread U.S.A.
Chironomus lucifer Johannsen, 1907b: 110.—Kans.
Chironomus indistinctus Malloch, 1915b: 477.—Ill.
milleri. Man., Ont., Oreg., Minn., Mich., Ind., N.Y.
Tendipes milleri Townes, 1945: 110.—N.Y.
modestus. Widespread NE., Grld.; PA.
Chironomus modestus Say, 1823: 13.—Pa.
neomodestus. N.W.T. to Qué., s. to Tex. & Fla.
Chironomus neomodestus Malloch, 1915b: 475.—Ill.
Chironomus tenellus authors, not Zetterstedt.
nervosus. Alas., N.W.T., B.C. to N.B., s. to Calif. & Fla., Grld.; PA.
Chironomus nervosus Staeger, 1839: 567.—?Denmark.
Chironomus brevitibialis Zetterstedt, 1850: 3535.—Sweden.
simpsoni. N.Y., Ga., Fla.
Dicrotendipes simpsoni Epler, 1987: 84.—N.Y.
thanatogratus. Fla.
Dicrotendipes thanatogratus Epler, 1987: 88.—Fla.
tritomus. Alas., Sask., Mont. to N.H., Okla., Ky., N.C., s. to La. & Fla.; PA.
Chironomus tritomus Kieffer in Thienemann & Kieffer, 1916: 524.—Sweden.
Chironomus incurvus Sublette, 1964b: 126.—La.

Genus EINFELDIA Kieffer
Einfeldia Kieffer, 1924a: 393. Type-species, *pectoralis* Kieffer (mon.).

austini. N. Mex. to N.C., s. to Fla.
Einfeldia austini Beck & Beck, 1970: 40.—Fla.
brunneipennis. Minn., Iowa to Mass., N.J., Ky., N.C., s. to Miss. & Fla.
Chironomus brunneipennis Johannsen, 1905: 205.—N.Y.
chelonia. N.Y., N.J., D.C., N. Mex. to La.
Tendipes chelonia Townes, 1945: 114.—N.Y.
natchitocheae. La.
Chironomus natchitocheae Sublette, 1964b: 124.—La.
pagana. B.C. to Qué., N.Y., Mich., S. Dak. Miss.; PA.
Chironomus paganus Meigen, 1838: 7.—Belgium.
Einfeldia synchrona Oliver, 1971: 1591.—Ont.

Genus ENDOCHIRONOMUS Kieffer
Endochironomus Kieffer, 1918b: 69. Type-species, *Chironomus alismatis* Kieffer (orig. des.) = *Tipula tendens* Fabricius.

dispar. Not NE.
Chironomus dispar Meigen, 1830: 247.—Not stated.
oldenbergi. Grld.; PA.
Endochironomus oldenbergi Goetghebuer, 1932b: 130.—Europe.
nigricans. N.W.T., B.C. to N.B., s. to Calif. & Fla.
Chironomus nigricans Johannsen, 1905: 219.—N.Y., N.J.
Chironomus johnsoni Kieffer, 1906a: 19 (n. nam. for *Chironomus albipennis* Meigen of Johnson, 1900, nom. nud.).
Chironomus albipennis authors, not Meigen.
subtendens. B.C. to Qué. & Nfld., s. to N. Mex. & Fla.
Tanytarsus subtendens Townes, 1945: 65.—N.Y.
Chironomus viridis authors, not Macquart.

Genus ENDOTRIBELOS Grodhaus
Endotribelos Grodhaus, 1987a: 237. Type-species, *Tendipes hesperius* Sublette (orig. des.).

hesperium. Calif., Fla.
Tendipes hesperius Sublette, 1960: 217.—Calif.

Genus GILLOTIA Kieffer
Gillotia Kieffer, 1921c: 272. Type-species, *Gillotia fuscipes* Kieffer, 1922d (sub. mon.; preocc. Kieffer, 1909) = *Chironomus trifidus* Freeman, 1957 (replacement nam.).

alboviridis. Iowa, Ill., Kans., N. Mex., Okla.
Chironomus alboviridis Malloch, 1915b: 482.—Ill.

Genus GLYPTOTENDIPES Kieffer
Glyptotendipes Kieffer, 1913e: 255.
Type-species, *sigillatus* Kieffer (orig. des.) = ?*Glyptotendipes foliicola* Kieffer.

amplus. Sask., N.J.
Glyptotendipes amplus Townes, 1945: 145.—N.J.
barbipes. Alas., B.C. to N.B., s. to N. Mex. & S.C.; PA.; OR.
Chironomus barbipes Staeger, 1839: 561.—not stated.
dreisbachi. N.W.T., Sask., Mich., Ont.
Glyptotendipes dreisbachi Townes, 1945: 145.—Mich.
lobiferus. B.C. to Qué., s. to Calif. & Fla.
Chironomus lobiferus Say, 1823: 12.—?Pa.
Chironomus ithacanensis Johannsen, 1908: 279 (n. nam. for *Chironomus caliginosus* Johannsen, 1905: 205, preocc. Meunier, 1904).—N.Y.
Glyptotendipes americanus Kieffer, 1917: 355.—Wash.
meridionalis. Man., S. Dak. to N.C., s. to N. Mex. & Fla.
Glyptotendipes meridionalis Dendy & Sublette, 1959: 517.—Okla.
pallens. Not NE.
Chironomus pallens Meigen, 1804: 12.—Not stated.
Chironomus polytomus Kieffer, 1804: 56.—Germany.
paripes. Alta. to Nfld., s. to Miss. & Fla.; PA.
Chironomus paripes Edwards, 1929: 392.—England.
seminole. Fla.
Glyptotendipes seminole Townes, 1945: 146.—Fla.
senilis. Ont., N.Y., Mich., Iowa.
Chironomus senilis Johannsen, 1937b: 37.—N.Y.
testaceus. Okla. to N.Y., s. to La. & Fla.
Glyptotendipes testaceus Townes, 1945: 140.—N.Y.
unacus. Sask., Qué.
Glyptotendipes unacus Townes, 1945: 146.—Qué.

Genus GOELDICHIRONOMUS Fittkau
Goeldichironomus Fittkau, 1965: 210.
Type-species, *Chironomus holoprasinus* Goeldi (orig. des.).
Siolimyia Fittkau, 1968b: 260.
Type-species, *amazonica* Fittkau (orig. des.).

amazonicus. Fla., Mex.; NT.
Siolimyia amazonica Fittkau, 1968b: 260.—Brazil.
carus. Ky., N.C. s. to Tex. & Fla.; NT.
Tendipes carus Townes, 1945: 118.—Venezuela.
devineyae. N.C. s. to Miss. & Fla.
Chironomus devineyae Beck, 1961: 126.—Fla.
holoprasinus. Md., Calif. to N.C., s. to Fla.; NT.
Chironomus holoprasinus Goeldi, 1905: 135.—Brazil.
Chironomus fulvipilus Rempel, 1939: 210.—Brazil.
pictus. Se. U.S.A.; NT.
Goeldichironomus pictus Reiss, 1974: 86.—Brazil.

Genus GRACEUS Goetghebuer
Graceus Goetghebuer, 1928: 15.
Type-species, *ambiguus* Goetghebuer (mon.).

Unnamed species.—Ont.

Genus HARNISCHIA Kieffer
Harnischia Kieffer, 1921c: 273.
Type-species, *fuscimanus* Kieffer, (sub. mon.; Kieffer, 1921a: 69).

curtilamellata. Widespread NE.; PA.; AF.; OR.; AU.
Chironomus curtilamellatus Malloch, 1915b: 474.—Mich.
incidata. S. Dak., N. Mex., Okla., Tex.
Harnischia incidata Townes, 1945: 166.—Okla.

Genus HYPORHYGMA Reiss
Hyporhygma Reiss, 1982: 289.
Type-species, *Chironomus quadripunctatus* Malloch (mon.).

quadripunctatum. Ont. to Nfld., N.H., Mass., Wis. to Ohio, Fla.
Chironomus quadripunctatus Malloch, 1915b: 437.—Wis.

Genus KIEFFERULUS Goetghebuer
Kiefferulus Goetghebuer, 1922: 40. Type-species, *Tanytarsus tendipediformis* Goetghebuer (orig. des.).

Subgenus KIEFFERULUS Goetghebuer

dux. Sask., Man., Ont., Qué., Oreg. to R.I., s. to N. Mex. & Fla.
Chironomus dux Johannsen, 1905: 231.—N.Y.

Subgenus WIRTHIELLA Sublette
Wirthiella Sublette, 1960: 216 (as subg. of *Tendipes* Meigen, 1800). Type-species, *modocensis* Sublette (orig. des.).

modocensis. Calif.
Tendipes modocensis Sublette, 1960: 216.—Calif.

Genus KLOOSIA Kruseman
Kloosia Kruseman, 1933: 152. Type-species, *Chironomus pusillus* Linnaeus (orig. des.).
Oschia Sæther, 1983a: 395. Type-species, *dorsenna* Sæther (orig. des.).

dorsenna. S.C.
Oschia dorsenna Sæther, 1983a: 396.—S.C.

Genus LAUTERBORNIELLA Thienemann & Bause
Lauterborniella Thienemann & Bause in Bause, 1913: 120. Type-species, *Tanytarsus agrayloides* Kieffer (Kieffer, 1921b: 28).

agrayloides. Widespread Can., Calif. to N.C. & Fla.; PA.
Tanytarsus agrayloides Kieffer, 1911a: 51.—Germany.

Genus LIPINIELLA Shilova
Lipiniella Shilova, 1961: 19. Type-species, *araenicola* Shilova (mon.).

Unnamed species.—N.W.T.

Genus MICROCHIRONOMUS Kieffer
Microchironomus Kieffer, 1918b: 113. (as subg. of *Chironomus* Meigen, 1803). Type-species, *lendli* Kieffer (orig. des.).
Leptochironomus Pagast, 1931: 210 (as subg. of *Chironomus* Meigen, 1803). Type-species, *balticus* Pagast (Townes, 1945: 152) = *Chironomus tener* Kieffer.

nigrovittatus. S. Dak. to Ill., N.Y. s. to La. & Fla., Calif., N. Mex., Kans.
Chironomus nigrovittatus Malloch, 1915b: 456.—Ill.

Genus MICROTENDIPES Kieffer
Microtendipes Kieffer, 1915a: 70. Type-species, *Tendipes abbreviatus* Kieffer (orig. des.) = *Chironomus chloris* Meigen.

anticus. coastal Va. to Ga., Tex.
Chironomus anticus Walker, 1848: 21.—Ga.
caducus. N.B., Minn. to N.Y., s. to Calif. & Ga.
Microtendipes caducus Townes, 1945: 24. (n. nam. for *Chironomus pallidus* Johannsen, 1905: 230, preocc. Fabricius, 1805).—N.Y.
caelum. Ont., Qué., N.B., N.Y., Ohio, Mass.
Microtendipes caelum Townes, 1945: 23.—Mass.
pedellus. N.W.T., B.C. to N.B. & Maine, s. to Calif. & Fla.; PA.
Tipula pedella De Geer, 1776: 378.—Sweden.
Microtendipes pedellus var. *aberrans* (Johannsen), 1905: 221.—N.Y., Pa., Wash., N.J.
Microtendipes pedellus var. *pedellus* (De Geer), 1776: 378.—B.C. to Qué., s. to R.I.; PA.
Microtendipes pedellus var. *stygius* Townes, 1945: 26.—N.Y.
Chironomus fascipes Coquillett, 1908: 145.—N.J.
Chironomus deflexa Walley, 1926b: 206.—Ont.

Genus NILOTHAUMA Kieffer
Nilothauma Kieffer, 1921c: 270. Type-species, *pictipenne* Kieffer (sub. mon.; Kieffer, 1921b: 37).
Kribioxenus authors, not Kieffer.

babiyi. Man. to Qué., N.Y., Mich., Ohio, Okla., Tex., N.C., S.C., Fla.
Chironomus babiyi Rempel, 1937b: 274.—N.Y.
bicorne. N.C., S.C., Fla.
Kribioxenus bicornis Townes, 1945: 35.—S.C.
mirabile. Qué., N.Y., Fla.
Kribioxenus mirabilis Townes, 1945: 35.—N.Y.

Genus OMISUS Townes
Omisus Townes, 1945: 27. Type-species, *pica* Townes (orig. des.).

pica. Idaho, Man. to Qué., N.H. to Conn., Ky., N.C., s. to Miss. & Fla.
Omisus pica Townes, 1945: 27.—N.H.

Genus PAGASTIELLA Brundin
Pagastiella Brundin, 1949: 840. Type-species, *Chironomus orophilus* Edwards (orig. des.).

orophila. Maine to Conn., Ky., N.C., s. to Miss. & Fla.
Chironomus orophilus Edwards, 1929: 405.—Great Britain.
ostansa. N.W.T., B.C. to Ont., N.H., N.C., S.C.
Paralauterborniella ostansa Webb, 1969: 102.—Ont.
Paralauterborniella ostensa (error), Boerger et al., 1982: 917.—Alta.

Genus PARACHIRONOMUS Lenz
Parachironomus Lenz, 1921: 160. Type-species, *Chironomus cryptotomus* Kieffer (Townes, 1945: 152).

abortivus. Ont., N.Y., Pa., Ill., Oreg. to S. Dak., s. to N. Mex. & Okla.
Chironomus abortivus Malloch, 1915b: 465.—Ill.
alatus. Ky., N.C., s. to Miss. & Fla.
Chironomus alatus Beck, 1962: 91.—Fla.
carinatus. S. Dak. to N.Y., s. to N. Mex. & Fla.
Harnischia carinata Townes, 1945: 158.—Ark.
chaetaolus. Calif. to Fla., Kans., Ind.
Tendipes chaetaola Sublette, 1960: 220.—Calif.
directus. Kans., Ky., N.C., s. to La. & Fla.
Tendipes directus Dendy & Sublette, 1959: 514.—Ala.
elodeae. Qué., N.Y.
Harnischia elodeae Townes, 1945: 156.—N.Y.
forceps. Man., Mich., Mass.
Harnischia forceps Townes, 1945: 157.—Mass.
frequens. Widespread NE.; PA.
Chironomus frequens Johannsen, 1905: 230.—N.Y.
hirtalatus. Ill. to Pa., s. to Miss. & Fla.
Chironomus hirtalatus Beck & Beck, 1964: 203.—Fla.
monochromus. Sask., Qué., Mich., Ill. to Mass., s. to Calif. & Fla.; PA.
Chironomus monochromus Wulp, 1874: 129 (n. nam. for *Chironomus unicolor* Wulp, 1858: 162, preocc. Walker, 1848).—Netherlands.
pectinatellae. Ill. to Pa., s. to Miss. & Fla.
Cryptochironomus pectinatellae Dendy & Sublette, 1959: 516.—Ala.
potamogeti. Man. to Qué., s. to N. Mex. & Fla.
Harnischia potamogeti Townes, 1945: 159.—N.Y.
schneideri. Ky., N.C., s. to Miss. & Fla.
Parachironomus schneideri Beck & Beck, 1969: 287.—Fla.
sublettei. Fla.
Chironomus sublettei Beck, 1961: 127.—Fla.
tenuicaudatus. B.C., Sask. to Qué., widespread U.S.A.; PA.
Chironomus tenuicaudatus Malloch, 1915b: 475.—Ill.
varus. Man., N.Y.; PA.
Chironomus varus Goetghebuer, 1921: 162.—Belgium.

Genus PARACLADOPELMA Harnisch
Paracladopelma Harnisch, 1923: 304. Type-species, *Tendipes camptolabis* Kieffer (orig. des.).

alphaeus. Calif.; PA.
Tendipes alphaeus Sublette, 1960: 222.—Calif.
camptolabis. Ont.; PA.
Tendipes camptolabis Kieffer, 1913a: 40—Germany.
doris. S. Dak., Iowa, Okla.
Harnischia doris Townes, 1945: 151.—Okla.

galaptera. B.C., Man., Qué., Ont., S. Dak. to N.Y. & Ill.
Harnischia galaptera Townes, 1945: 148 (n. nam. for *Chironomus clari* Ennis Malloch, 1915b: 439, preocc. Lundbeck, 1898).—Mich.
loganae. Kans., Ohio, Ky., N.C., s. to Miss. & Fla.
Paracladopelma loganae Beck & Beck, 1969: 303.—Fla.
nais. Ont., N.Y., Mich., Pa.
Harnischia nais Townes, 1945: 149.—N.Y.
nereis. Sask., Minn., Mich., Kans., N.C., S.C., Ga.; PA.
Harnischia nereis Townes, 1945: 150.—S.C.
nixe. Colo.
Harnischia nixe Townes, 1945: 149.—Colo.
undine. Alta. to N.Y., Oreg., S. Dak., Kans., Ky., N.C., s. to Miss. & Fla.; PA.
Harnischia undine Townes, 1945: 149.—Oreg.
winnelli. Y.T., N.W.T., Ont., Wis., Mich.
Paracladopelma winnelli Jackson, 1977: 1334.—Mich.

Genus PARALAUTERBORNIELLA Lenz
Paralauterborniella Lenz, 1941b: 48.
Type-species, *Chironomus brachylabis* Edwards (orig. des.) = *Chironomus nigrohalteralis* Malloch.

nigrohalterale. Y.T. to Ont., Colo., N.Y., s. to Tex. & Fla.; PA.
Chironomus nigrohalteralis Malloch, 1915b: 440.—Ill.

Genus PARATENDIPES Kieffer
Paratendipes Kieffer, 1911a: 41.
Type-species, *Chironomus albimanus* Meigen (orig. des.).

albimanus. Alta., Ont., Qué., N.B., Oreg. to N.Y., s. to Calif. & S.C.; PA.
Chironomus albimanus Meigen, 1818: 40 (n. nam. for *Chironomus annularis* Meigen, 1804: 17, preocc. De Geer, 1776).—Europe.
basidens. Iowa, N.J., N. Mex., Ala.
Paratendipes basidens Townes, 1945: 30.—N.J.
duplicatus. Ont., S. Dak., Mich. to Okla., R.I., N.C., S.C.
Chironomus duplicatus Johannsen, 1937b: 28. (n. nam. for *Chironomus basalis* Malloch, 1915b: 441, preocc. Staeger, 1845).—N.Y.

fuscitibia. Calif.
Paratendipes fuscitibia Sublette, 1960: 200.—Calif.
nitidulus. Ohio, Mich., N.J., Pa., Del., Md.
Chironomus nitidulus Coquillett, 1901b: 608.—N.J.
Chironomus nitidellus (error), Malloch, 1915b: 468.
nudisquama. Ont.; PA.
Chironomus nudisquama Edwards, 1929: 396—England, Ireland.
subaequalis. Man. to Qué., s. to Kans. & Fla., Calif.; PA.
Chironomus subaequalis Malloch, 1915b: 440.— Ill.
thermophilus. Calif., Nev., Ariz., N. Mex.
Paratendipes thermophilus Townes, 1945: 31.—Ariz.

Genus PHAENOPSECTRA Kieffer
Phaenopsectra Kieffer, 1921c: 274.
Type-species, *Chironomus leucolabis* Kieffer (Goetghebuer in Goetghebuer & Lenz, 1938: 80) = *Chironomus flavipes* Meigen.

dyari. Mont., Calif., Ohio, Fla.
Tanytarsus dyari Townes, 1945: 75.—Calif.
flavipes. Wash. to Qué., s. to Calif. & Fla.; PA.
Chironomus flavipes Meigen, 1818: 50.—Europe.
Tanytarsus flavicauda Malloch, 1915b: 493.—Ill.
incompta. Grld.; PA.
Chironomus incomptus Zetterstedt, 1838: 816.—Sweden.
mortensoni. Calif.
Phaenopsectra mortensoni Grodhaus, 1987b: 137.—Calif.
obediens. Wash., Sask. to N.B., s. to Colo. & S.C.; PA.
Tanytarsus obediens Johannsen, 1905: 286.—N.Y.
pilicellata. Calif.
Phaenopsectra pilicellata Grodhaus, 1976: 405.—Calif.

profusa. Wash. to Mont., s. to Calif. & N. Mex.
Tanytarsus profusus Townes, 1945: 73.—Nev.
punctipes. Sask. to Ont., Qué., N.Y., Idaho, N.J., N.C., S.C.; PA.
Chironomus punctipes Wiedemann, 1817: 65.—Germany.
vittata. Ont., Qué., N.J., N.C., S.C.
Tanytarsus vittatus Townes, 1945: 77.—N.J.

Genus POLYPEDILUM Kieffer
Polypedilum Kieffer, 1912b: 41.
Type-species, *pelostolum* Kieffer = *Chironomus nubifer* Skuse (Ashe, 1981: 58).

Subgenus PENTAPEDILUM Kieffer
Pentapedilum Kieffer, 1913b: 25.
Type-species, *Pentapedilum stratiotale* Kieffer (Edwards, 1929: 376) = *Chironomus tritus* Walker.

sordens. Qué., Mich. to N.Y., R.I., Va.; PA.
Tanytarsus sordens Wulp, 1874: 141.—Netherlands.
Tanytarsus fulvescens Johannsen, 1905: 293.—N.Y.
Calopsectra americana Kieffer, 1917: 357.—N.Y.
tritum. B.C. to N.B., s. to Calif., Tex. & Fla.; PA.
Chironomus tritus Walker, 1956a: 342.—England.
Polypedilum albulum Townes, 1945: 63.—N.Y.

Subgenus POLYPEDILUM Kieffer

albicorne. B.C., Ont., Qué., Nfld., Wis. to Ohio & Mass., Idaho, Calif. to La., Fla.
Chironomus albicornis Meigen, 1838: 6.—Europe.
Polypedilum nigritum Townes, 1945: 56.—N.Y.
angustum. B.C., Ont., Qué., Nfld., Minn. to Va., Calif., Ark., Fla.
Polypedilum angustum Townes, 1945: 56.—N.J.
artifer. Wash., Calif. to Qué., N.Y., Ohio, N. Mex., Va.
Chironomus artifer Curran, 1930: 32.—N.Y.
aviceps. Alta., Ont., Qué. to N.H., Mont. s. to Calif. & Tex., Fla.
Polypedilum aviceps Townes, 1945: 61.—N.Y.
braseniae. N.W.T. to Ont., N.Y., Ohio, Wash., Oreg., S. Dak., Ky., Va. to Fla.
Chironomus braseniae Leathers, 1922: 8.—N.Y.
californicum. Calif.
Polypedilum californicum Sublette, 1960: 204.—Calif.
calopterus. Ont., Qué., Mich., N.Y., Md., Va.
Chironomus calopterus Mitchell, 1908: 8.—Md.
Polypedilum walleyi Townes, 1945: 52.—Qué.
cinctum. Oreg., Calif., Nev., Va.
Polypedilum cinctum Townes, 1945: 59.—Nev.
convictum. Sask., Ont., Qué., s. to Kans. & Fla.; PA.
Chironomus convictus Walker, 1956a: 161.—England.
Chironomus flavus Johannsen, 1905: 225.—N.Y.
Chironomus flaviventris Johannsen, 1907b: 111.—Kans.
Polypedilum obtusum Townes, 1945: 60.—N.Y.
fallax. Alta., Sask., Qué., s. to Utah & Fla.
Chironomus fallax Johannsen, 1905: 210.—N.Y.
Polypedilum fallax var. *fallax* Johannsen, 1905: 210.—Ont., Qué., Ill., Ind., Mich., Vt., N.Y., Tenn.
fuscipenne. B.C., Wash., Oreg., Mont. to Colo.; PA.
Chironomus fuscipennis Meigen, 1818: 35.—Europe.
illinoense. N.W.T. to Qué., s. to Calif. & Fla.; PA.
Chironomus illinoensis Malloch, 1915b: 471.—Ill.
laetum. Alta. to Qué., s. to Calif., N. Mex., N.C., S.C.; PA.
Chironomus laetus Meigen, 1818: 38.—Europe.
nubeculosum. N.W.T. to Qué., Minn. to N.Y., Idaho, Ind., Colo.; PA.
Chironomus nubeculosus Meigen, 1804: 18.—Europe.
ontario. Ont., Qué. s. to N. Mex., La. & D.C.
Chironomus ontario Walley, 1926b: 206.—Ont.
Chironomus hirtipes Mitchell, 1908: 9 (preocc. Macquart, 1834).—Md.

ophioides. N.W.T., Qué., Idaho, Minn. to Mass., s. to Va., Calif.
Polypedilum ophioides Townes, 1945: 57.—N.Y.
parascalaenum. Fla.
Polypedilum parascalaenum Beck, 1962: 91.—Fla.
pedatum. B.C., Ont., Qué., N.S., Mich., N.Y., Va., La., Wash., Mont., Calif.
Polypedilum pedatum pedatum Townes, 1945: 55.—N.Y.
Polypedilum pedatum excelsius Townes, 1945: 55.—Wash.
subcultellatum. Calif.
Polypedilum subcultellatum Sublette, 1960: 204.—Calif.
sulaceps. Wash. to S. Dak., Calif. to N. Mex.
Polypedilum sulaceps Townes, 1945: 58.—Idaho.
trigonus. Ont. to N.B., Idaho, S. Dak. to N.Y., s. to N. Mex. & Fla.
Polypedilum trigonus Townes, 1945: 49.—N.Y.
vibex. Ont., Qué., N.J., Wash., Nev., N.C., S.C., Fla.
Polypedilum vibex Townes, 1945: 52.—Ont.

Subgenus TRIPODURA Townes
Tripodura Townes, 1945: 36.
Type-species, *simulans* Townes (orig. des.).

acifer. Man., Mich., Ohio; PA.
Polypedilum acifer Townes, 1945: 46.—Mich.
albinodus. Ont., Qué., Idaho, Ohio, Va., Calif., N.C., S.C.
Polypedilum albinodus Townes, 1945: 41.—Idaho.
apicatum. Calif., Nev., Ariz., N. Mex., Ill.
Polypedilum apicatum Townes, 1945: 39.—N. Mex.
Chironomus octopunctatus Loew, 1861b: 33 (of Malloch 1915b: 427).—Ill.
floridense. Miss., Fla.
Polypedilum floridense Townes, 1945: 43.—Miss.
gomphus. Alta., Ont., Mass., N.C., S.C., Fla.
Polypedilum gomphus Townes, 1945: 42.—Mass.
halterale. Widespread NE.
Chironomus halteralis Coquillett, 1901a: 17.—D.C.
Polypedilum digitifer Townes, 1945: 45.—S. Dak.
Chironomus griseopunctatus Malloch, 1915b: 428.—Ill.
Polypedilum simulans Townes, 1945: 43.—N.Y.
isocerus. Calif., Nev.
Polypedilum isocerus Townes, 1945: 42.—Calif.
labeculosum. Calif., Nev., Ariz., N. Mex.
Chironomus labeculosus Mitchell, 1908: 14.—Ariz.
pardus. Tex., S.C.
Polypedilum pardus Townes, 1945: 41.—Tex.
parvum. Md. to Calif., Tex., Fla.
Polypedilum parvum Townes, 1945: 40.—Miss.
pterosopilus. Ariz., N. Mex., Tex., Fla.
Polypedilum pterospilus Townes, 1945: 40.—Tex.
scalaenum. Widespread NE.; PA.
Tipula scalaena Schrank, 1803: 73.—Germany.
Chironomus needhamii Johannsen, 1908: 278.—N.Y., Ind., Kans., Wash.; PA.

Genus ROBACKIA Sæther
Robackia Sæther, 1977b: 123.
Type-species, *Tendipes demeijerei* Kruseman (orig. des.).

claviger. Wash., Sask., S. Dak. to Ind., s. to N. Mex. & Fla.
Harnischia claviger Townes, 1945: 158.—S.C.
demeijerei. Y.T., N.W.T., Alta. to Wyo. & Ohio, s. to Miss. & Fla.; PA.
Tendipes demeijerei Kruseman, 1933: 195.—Europe.

Genus SAETHERIA Jackson
Saetheria Jackson, 1977: 1325.
Type-species, *Harnischia tylus* Townes (orig. des.).

hirta. S.C.
Saetheria hirta Sæther, 1983a: 400.—S.C.
tylus. Y.T., N.W.T., Ind., Kans., N.C., S.C., Ga.
Harnischia tylus Townes, 1945: 150.—Ind.

Genus SERGENTIA Kieffer
Sergentia Kieffer, 1922a: 288.
Type-species, *profundorum* Kieffer (orig. des.) = *Chironomus coracinus* Zetterstedt.

Subgenus SERGENTIA Kieffer

albescens. B.C., Alta., Wash. s. to Calif. & Colo.
Tanytarsus albescens Townes, 1945: 73.—Wash.
coracina. N.W.T. to Sask., Ont., Mont., Minn. to Ohio, Grld.; PA.; OR.
Chironomus coracinus Zetterstedt, 1850: 3508.—Sweden.

Genus STELECHOMYIA Reiss
Stelechomyia Reiss, 1982: 294. Type-species, *Chironomus perpulcher* Mitchell (orig. des.).

perpulchra. Ont. to Maine, s. to Tex. & Fla.
Chironomus perpulcher Mitchell, 1908: 13.—Md.

Genus STENOCHIRONOMUS Kieffer
Stenochironomus Kieffer in Kieffer & Thienemann, 1919: 44. Type-species, *fasciatus* Geoffroy (Kieffer, 1922d: 56) = *gibbus* Fabricius.

Subgenus PETALOPHOLEUS Borkent
Petalopholeus Borkent, 1984: 92. Type-species, *Stenochironomus cinctus* Townes (orig. des.).

aestivalis. N.J. to Fla.
Stenochironomus aestivalis Townes, 1945: 86 (in part).—N.J.
browni. Fla.
Stenochironomus browni Townes, 1945: 86.—Fla.
cinctus. Ont., Qué., s. to Fla.
Stenochironomus cinctus Townes, 1945: 87.—Fla.
totifuscus. Calif., Ariz.
Stenochironomus totifuscus Sublette, 1960: 210.—Calif.

Subgenus STENOCHIRONOMUS Kieffer

albipalpus. Pa., Md., Va.
Stenochironomus albipalpus Borkent, 1984: 66.—Md.
annettae. Tex.
Stenochironomus annettae Borkent, 1984: 54.—Tex.
bisetosus. Ariz.
Stenochironomus bisetosus Borkent, 1984: 61.—Ariz.
colei. B.C., Alta., s. to Calif. & Colo.
Chironomus colei Malloch in Cole & Lovett, 1919: 255.—Oreg.
fuscipatellus. B.C., Oreg., Calif.
Stenochironomus fuscipatellus Borkent, 1984: 64.—B.C.
hilaris. Y.T., B.C to Nfld., s. to N. Mex. & Fla., Mont., Idaho.
Chironomus hilaris Walker, 1848: 17.—Unknown.
Chironomus taeniapennis Coquillett, 1901b: 607.—Mass.
Chironomus nephopterus Mitchell, 1908: 7.—Md.
Chironomus exquisitus Mitchell, 1908: 11.—Md.
Chironomus zonopterus Mitchell, 1908: 12.—N.J.
macateei. Man. to Qué., s. to Fla. & Tex.
Chironomus macateei Malloch, 1915a: 45.—Md.
maculatus. N. Mex., Tex.
Stenochironomus maculatus Borkent, 1984: 52.—N. Mex.
niger. Ariz.
Stenochironomus niger Borkent, 1984: 57.—Ariz.
poecilopterus. Ont., Qué., s. to Colo. & Fla.
Chironomus poecilopterus Mitchell, 1908: 10.—Md.
pulchripennis. Ont., Qué., Nfld., s. to Pa. & Mich., Colo.
Chironomus pulchripennis Coquillett, 1902b: 94.—N.H.
unictus. Qué. to Miss. & Fla.
Stenochironomus unictus Townes, 1945: 89.—N.J.
woodi. Ont. to Nfld., s. to Va.
Stenochironomus woodi Borkent, 1984: 91.—Qué.

Genus STICTOCHIRONOMUS Kieffer
Stictochironomus Kieffer in Kieffer & Thienemann, 1919: 44. Type-species, *Chironomus pictulus* Meigen (Townes, 1945: 77).

albicrus. Kans.
Tanytarsus albicrus Townes, 1945: 79.—Kans.
annulicrus. Ont., N.Y., S. Dak., Tenn.
Tanytarsus annulicrus Townes, 1945: 83.—N.Y.

devinctus. Ont., Minn. to Maine, s. to Tex. & Fla.
Chironomus devinctus Say, 1829: 150.—Ind.
Chironomus compes Coquillett, 1908: 145.—Md.
Chironomus ornatipes Kieffer, 1917: 343.—N.Y.

flavicingula. Ont.; PA.
Chironomus flavicingula Walker, 1848: 20.—Ont.

lutosus. Mass.
Tanytarsus lutosus Townes, 1945: 83.—Mass.

marmoreus. Sask., Qué., N.Y., S.Dak., Mo., N. Mex.
Tanytarsus marmoreus Townes, 1945: 81.—Sask.

naevus. Calif., N. Mex.
Chironomus naevus Mitchell, 1908: 14.—N. Mex.

palliatus. Wis. to N.Y. & D.C., s. to Tex. & Ala.
Chironomus palliatus Coquillett, 1902b: 95.—D.C.

pictulus. Man.; PA.
Chironomus pictulus Meigen 1830: 244 (n. nam. for *Chironomus sticticus* Meigen, 1818: 37, preocc. Fabricius, 1781).—Not stated.

quagga. Sask., Calif.
Tanytarsus quagga Townes, 1945: 81.—Calif.

rosenschoeldi. Alas., N.W.T., Sask.; PA.
Chironomus rosenschoeldi Zetterstedt, 1838: 811.—Europe.

sticticus. Man.; PA.
Tipula stictica Fabricius, 1781: 407.—Germany.
Tipula histrio Fabricius, 1794: 244.—Germany.

unguiculatus. N.W.T., Grld.
Chironomus unguiculatus Malloch, 1934: 16.—N.W.T.

varius. Minn. to N.Y., Iowa to Ohio, Colo., Kans., N. Mex.
Tanytarsus varius Townes, 1945: 82.—N.Y.

virgatus. Mont., Ill.
Tanytarsus virgatus Townes, 1945: 84.—Mont.

Genus SYNENDOTENDIPES Grodhaus
Synendotendipes Grodhaus, 1987a: 198. Type-species, *luski* Grodhaus (orig. des.).

luski. Man., Calif.
Synendotendipes luski Grodhaus, 1987a: 202.—Calif.

Genus TRIBELOS Townes
Tribelos Townes, 1945: 66 (as subg. of *Tanytarsus* Wulp, 1874 sensu Townes). Type-species, *Chironomus dimorphus* Malloch (orig. des.) = *Chironomus jucundus* Walker.

atrum. Man., Ont., Qué., Minn., Mich., Va., N.C., S.C., Fla.
Tanytarsus ater Townes, 1945: 68.—Va.

fuscicorne. Minn. to Maine, s. to Tex. & Fla.
Chironomus fuscicornis Malloch, 1915b: 466.—Ill.

jucundum. B.C., Oreg. to N.B., s. to Okla. & Fla.
Tanytarsus jucundus Walker, 1848: 16.—Ga.
Chironomus dimorphus Malloch, 1915b: 464.—Ill.
Chironomus fusciventris Malloch, 1915b: 465.—Wis.
Tanytarsus protextus Townes, 1945: 69.—N.Y.

subatrum. Calif.
Tribelos subatrum Grodhaus, 1987a: 227.—Calif.

subletteorum. Calif.
Tribelos subletteorum Grodhaus, 1987a: 232.—Calif.

Genus XENOCHIRONOMUS Kieffer
Xenochironomus Kieffer, 1921c: 273. Type-species, *Chironomus xenolabis* Kieffer (Goetghebuer in Goetghebuer & Lenz, 1937: 32).

xenolabis. B.C. to Qué., s. to N. Mex. & Fla., Oreg. to Mo.; PA.
Chironomus xenolabis Kieffer in Thienemann & Kieffer, 1916: 526.—Sweden.

Genus XESTOCHIRONOMUS Sublette & Wirth
Xestochironomus Sublette & Wirth, 1972: 7 (n. nam. for *Insulanus* Sublette).
Insulanus Sublette, 1967b: 546 (preocc. Fleutiaux, 1933). Type-species, *Chironomus furcata* Johannsen (orig. des.).

brunneus. N. Mex.
Xestochironomus brunneus Borkent, 1984: 28.—N. Mex.
subletti. N. Mex., Tex., S.C., Fla.
Xestochironomus subletti Borkent, 1984: 25.—Tex.

Genus ZAVRELIELLA Kieffer
Zavreliella Kieffer, 1920b: 334.
Type-species, *Chironomus clavaticrus* Kieffer (orig. des.) = *Chironomus marmoratus* Wulp.

varipennis. Ont., Qué., Mich., Mass., Pa., s. to N. Mex. & Fla.
Chironomus varipennis Coquillett, 1902b: 94.—N. Mex.

Tribe PSEUDOCHIRONOMINI

Genus PSEUDOCHIRONOMUS Malloch
Pseudochironomus Malloch, 1915b: 500.
Type-species, *richardsoni* Malloch (orig. des.).

anas. Qué., N.Y.
Pseudochironomus anas Townes, 1945: 17.—N.Y.
articaudus. Man., Ont., Qué.
Pseudochironomus articaudus Sæther, 1977b: 81.—Man.
aureus. Kans.
Psectrocladius aureus Johannsen, 1908: 283.—Kans.
badius. Man.
Pseudochironomus badius Sæther 1977b: 69.—Man.
banksi. Ont., N.J., Mass., Fla.
Pseudochironomus banksi Townes, 1945: 17.—Mass.
chen. Ont., Md., N. Mex. to La.
Pseudochironomus chen Townes, 1945: 18.—Md.
crassus. N.W.T., Man.
Pseudochironomus crassus Townes, 1945: 15.—Hudson Bay Territory, N.W.T.
fulviventris. Man. to N.B., S. Dak. to N.Y., s. to Tex. & Fla.
Chironomus fulviventris Johannsen, 1905: 229.—N.Y.
julia. Qué., Mich., N.Y., Ohio, N. Mex. to La.
Orthocladius julia Curran, 1930: 34.—N.Y.
Pseudochironomus aix Townes, 1945: 19.—Mich.
middlekauffi. Man., Ont., N.Y., Ill., Kans., Fla.
Pseudochironomus middlekauffi Townes, 1945: 18.—N.Y.
netta. Ont., Mich., N.Y., Mass., N.J.
Pseudochironomus netta Townes, 1945: 19.—N.Y.
pseudoviridis. Man., S. Dak., Iowa to N.Y., Colo. to Tex.
Chironomus pseudoviridis Malloch, 1915b: 450.—Ill.
rex. Man., Iowa, Fla.
Pseudochironomus rex Hauber, 1947: 458.—Iowa.
richardsoni. Ont. s. to Calif. & Fla.
Pseudochironomus richardsoni Malloch, 1915b: 500.—Ill.

Tribe TANYTARSINI

Genus CLADOTANYTARSUS Kieffer
Cladotanytarsus Kieffer, 1921c: 277.
Type-species, *pallidus* Kieffer (sub. mon.; Kieffer, 1922e: 100).
Lenziella Kieffer, 1922c: 361.
Type-species, *bicornuta* Kieffer (orig. des.).

aeiparthenus. Ont.
Cladotanytarsus aeiparthenus Bilyj, 1989: 948.—Ont.
atridorsum. Man.; PA.
Cladotanytarsus atridorsum Kieffer, 1924b: 38.—Germany.
crusculus. S. Dak., N. Mex.
Lenziella cruscula Sæther, 1971: 1825.—S. Dak.
daviesi. Ont.
Cladotanytarsus daviesi Bilyj, 1989: 951.—Ont.
elaensis. Ont.
Cladotanytarsus elaensis Bilyj, 1989: 955.—Ont.
fusiformis. Ont.
Cladotanytarsus fusiformis Bilyj, 1989: 954.—Ont.
mancus. Iowa: PA.
Chironomus mancus Walker, 1956a: 161.—England.
muricatus. Ont.
Cladotanytarsus muricatus Bilyj, 1989: 956.—Ont.
pinnaticornis. Ont.
Cladotanytarsus pinnaticornis Bilyj, 1989: 953.—Ont.

tribelus. Ont.
Cladotanytarsus tribelus Bilyj, 1989: 957.—Ont.
viridiventris. Alas., N.W.T., Alta., Ont., Qué., Mich., N.Y., Ohio, Calif. to N.C., s. to Fla.
Tanytarsus viridiventris Malloch, 1915b: 491.—Mich.

Genus CONSTEMPELLINA Brundin
Constempellina Brundin, 1947: 82. Type-species, *Tanytarsus brevicosta* Edwards (orig. des.).

brevicosta. Alas. to N.W.T., Man. to Qué.; PA.
Tanytarsus brevicosta Edwards, 1937: 146.—Sweden.

Genus CORYNOCERA Zetterstedt
Corynocera Zetterstedt, 1838: 856. Type-species, *ambigua* Zetterstedt (mon.).

ambigua. N.W.T.; PA.
Corynocera ambigua Zetterstedt, 1838: 856.—Sweden.

Genus KRENOPSECTRA Reiss
Krenopsectra Reiss, 1969b: 435. Type-species, *fallax* Reiss (orig. des.).

Unnamed species.—W. Can.

Genus MICROPSECTRA Kieffer
Micropsectra Kieffer, 1909: 50 (as subg. of *Tanytarsus* Wulp, 1874). Type-species, *Tanytarsus inermipes* Kieffer (Kieffer, 1921b: 35, as *inermis*) = *Chironomus notescens* Walker, .
Lauterbornia Kieffer, 1911a: 42. Type-species, *Chironomus coracinus* Zetterstedt, 1850 sensu Kieffer, (misident., orig. des.)
Lundstroemia Kieffer, 1921c: 276. Type-species, *Tanytarsus roseiventris* Kieffer, 1909 (sub. mon.; Kieffer, 1921b: 36).
Oeklandia Kieffer, 1922b: 6. Type-species, *borealis* Kieffer (mon.).

apposita. Ont.; PA.
Chironomus apposita Walker, 1956a: 191.—England.
attenuata. Ont.; PA.
Micropsectra attenuata Reiss, 1969c: 432.—Germany.
borealis. N.W.T., Novaya Zemlya.
Oeklandia borealis Kieffer, 1922b: 6.—Novaya Zemlya.
brundini. Y.T., N.W.T., Grld.; PA.
Micropsectra brundini Säwedal, 1979: 134.—Grld.
connexa. Sask., Ont., Qué., Maine.
Chironomus connexus Kieffer, 1906a: 17 (n. nam. for *Chironomus confinis* Walker, 1848: 15, preocc. Meigen, 1830).—Ont.
Chironomus brunneus Walker, 1848: 21.—Ont.
deflecta. N.Y., Ohio.
Tanytarsus deflectus Johannsen, 1905: 288.—N.Y.
dives. Mont., Wis. to Maine, Colo., Ohio, Ky., N.Y.
Tanytarsus dives Johannsen, 1905: 288.—N.Y.
groenlandica. Y.T., Grld.; PA.
Micropsectra groenlandica Andersen, 1937: 33.—Grld.
insignilobus. Grld., N.W.T.; PA.
Micropsectra insignilobus Kieffer, 1924c: 86.—Norway.
junci. Mich., Grld.; PA.
Chironomus junci Meigen, 1818: 50.—Germany.
Chironomus brunnipes Zetterstedt, 1850: 3518.—Sweden.
lindrothi. Grld.; PA.
Micropsectra lindrothi Goetghebuer in Goetghebuer & Lindroth, 1931: 278.—Iceland.
logani. Utah., N. Mex.
Tanytarsus logani Johannsen, 1928: 33.—Utah.
nigripila. Sask., Man., Qué., N.Y. s. to Calif. & La.
Tanytarsus nigripilus Johannsen, 1905: 287.—N.Y.
polita. Alta., Sask., Qué., Pa., Md., S. Dak., Ill., Oreg. s. to Ariz.
Tanytarsus politus Malloch, 1915b: 493.—Ill.
recurvata. N.C., S.C., Grld.; PA.
Micropsectra recurvata Goetghebuer, 1928: 117.—Belgium.

sedna. N.W.T.
Lauterbornia sedna Oliver, 1976: 1061.—N.W.T.
tori. Grld.
Micropsectra tori Säwedal, 1981: 28.—Grld.
xantha. Alta., Mass., Ky., N.C., s. to Miss. & Fla.
Calopsectra xantha Roback, 1955: 4.—Mass.

Genus NIMBOCERA Reiss
Nimbocera Reiss, 1972: 54. Type-species, *patagonica* Reiss (orig. des.).

pinderi. S.C., Ga., Fla.
Nimbocera pinderi Steiner & Hulbert, 1982: 228.—Fla.

Genus PARAPSECTRA Reiss
Parapsectra Reiss, 1969a: 192. Type-species, *Chironomus nanus* Meigen (orig. des.).

Unnamed species.—Maine, N.C.

Genus PARATANYTARSUS Thienemann & Bause
Paratanytarsus Thienemann & Bause in Bause, 1913: 120. Type-species, *Tanytarsus lauterborni* Kieffer (Reiss & Säwedal, 1981: 74).
Stylotanytarsus Kieffer, 1921c: 276. Type-species, *Tanytarsus bauseellus* (Langton et al., 1988: 318).

dissimilis. Ont., S. Dak. to Iowa, N.Y., Ohio, Okla., Tex., N.C., S.C.; PA, perhaps widespread.
Tanytarsus dissimilis Johannsen, 1905: 292.—N.Y.
Paratanytarsus confusus Palmén, 1960: 283.—Finland.
dubius. Alta., Ill., Ky., N.C., s. to Miss. & Fla.
Tanytarsus dubius Malloch, 1915b: 496.—Ill.
grimmii. Wash., Ont., N.B., Maine, N.Y.
Chironomus grimmii Schneider, 1885: 301.—U.S.S.R.
Tanytarsus boiemicus Bause, 1913: 97.—Czechoslovakia.
intricatus. Man.; PA.
Tanytarsus intricatus Goetghebuer, 1921: 121.—Belgium.
laccophilus. Man.; PA.
Tanytarsus laccophilus Edwards, 1929: 409.—England.
natvigi. N.W.T., Grld.; PA.
Micropsectra natvigi Goetghebuer, 1933: 21.—Grld.
penicillatus. Alas., N.W.T.; PA.
Tanytarsus pencillatus Goetghebuer, 1928: 143.—England.
setosimanus. N.W.T., Grld.; PA.
Ditanytarsus setosimanus Goetghebuer, 1933: 21.—Grld.
similatus. Alas., Wis.
Tanytarsus similatus Malloch, 1915b: 494.—Wis.
tenuis. Grld.; PA.
Chironomus tenuis Meigen, 1830: 255.—?Germany.

Genus RHEOTANYTARSUS Thienemann & Bause
Rheotanytarsus Thienemann & Bause in Bause, 1913: 120 (as subg. of *Syntanytarsus* Thienemann & Bause in Bause, 1913). Type-species, *Tanytarsus pentapoda* Kieffer (Goetghebuer in Goetghebuer & Lenz, 1954: 132).

akrina. Kans.
Calopsectra akrina Roback, 1960: 1.—Kans.
distinctissimus. Alta., N.Y., Ohio; PA.
Stempellinella distinctissima Brundin, 1947: 88.—Sweden.
exiguus. Qué., Nfld., Mont. to N.Y., s. to Miss. & Fla.
Tanytarsus exiguus Johannsen, 1905: 294.—N.Y.
magnini. Qué.
Rheotanytarsus magnini Cloutier & Harper, 1986: 1.—Qué.
pellucidus. Ont.
Chironomus pellucidus Walker, 1848: 21.—Ont.

Genus SKUTZIA Reiss
Skutzia Reiss, 1985: 173. Type-species *inopinata* Reiss (orig. des.).

inopinata. B.C.
Skutzia inopinata Reiss, 1985: 174.—B.C.

Genus STEMPELLINA Thienemann & Bause
Stempellina Thienemann & Bause in Bause, 1913: 120. Type-species, *Tanytarsus bausei* Kieffer (mon.).

***bausei*.** Not NE.
Tanytarsus bausei (originally as *bauri*, typographical error) Kieffer, 1911a: 46.— Germany.
johannsenii. N.Y.
Tanytarsus johannsenii Thienemann & Bause in Bause, 1913: 67.—N.Y.
leptocelloides. Alta., Ont.
Stempellina leptocelloides Webb, 1969: 94.—Ont.
ranota. Ont.
Stempellina ranota Webb, 1969: 96.—Ont.
rodesta. Ont.
Stempellina rodesta Webb, 1969: 95.—Ont.

Genus STEMPELLINELLA Brundin
Stempellinella Brundin, 1947: 87. Type-species, *Tanytarsus saltuum* Goetghebuer (orig. des.).

brevis. Man., Ont.; PA.
Tanytarsus brevis Edwards, 1929: 420.—Scotland, England, Ireland.
minor. Alas., Man.; PA.
Tanytarsus minor Edwards, 1929: 420.—N. Wales, England.

Genus SUBLETTEA Roback
Sublettea Roback, 1975: 71 (as subg. of *Tanytarsus* Wulp, 1874). Type-species, *Tanytarsus coffmani* Roback (orig. des.).

coffmani. N.B., Vt., N.Y., Ohio, Pa., s. to Ga.
Tanytarsus coffmani Roback, 1975: 72.—N.B.

Genus TANYTARSUS Wulp
Tanytarsus Wulp, 1874: 134. Type-species, *Chironomus signatus* Wulp, 1858 (ICZN 1961: 361, Opinion 616).
Calopsectra Kieffer, 1909: 50. Type-species, *Calopsectra gregaria* Kieffer (Kieffer, 1921b: 36).

allicis. La.
Tanytarsus allicis Sublette, 1964b: 146.—La.
anderseni. Alta., Man., Grld.
Tanytarsus anderseni Reiss & Fittkau, 1971: 129.—Grld.
brundini. N.Y.; PA.
Tanytarsus brundini Lindeberg, 1963: 127.—Finland.
buckleyi. Alta., N.Y., Ill., D.C., N. Mex. to N.C., s. to Fla.
Tanytarsus buckleyi Sublette, 1964b: 143.—La.
confusus. N.Y., D.C., Ill., Okla., Ky., N.C., s. to Tex. & Fla.
Tanytarsus confusus Malloch, 1915b: 490.—Ill.
curticornis. Alta.; PA.
Tanytarsus curticornis Kieffer, 1911a: 53.—Germany.
debilis. Man.; PA.
Chironomus debilis Meigen, 1830: 255.—Germany.
dendyi. N. Mex., Ky., N.C., s. to Tex. & Fla.
Tanytarsus dendyi Sublette, 1964b: 141.—La.
dispar. Alta., Man., Ont.; PA.
Tanytarsus dispar Lindeberg, 1967: 55.—Finland.
fatigans. Colo., N.Y.
Tanytarsus fatigans Johannsen, 1905: 292.—N.Y.
fimbriatus. N. Mex.; PA.
Tanytarsus fimbriatus Reiss & Fittkau, 1971: 118.—Spain.
gracilentus. Alas., N.W.T., B.C., Oreg.; PA.
Chironomus gracilentus Holmgren, 1883: 181.—Novaya Zemlya.
Chironomus deviatus Malloch, 1923: 172.—Alas.
guerlus. Man., N.Y., Pa., N.J., Fla.
Calopsectra guerla Roback, 1957a: 133.—Pa.
inaequalis. Alas., N.W.T., Man.; PA.
Tanytarsus inaequalis Goetghebuer, 1921: 118.—Belgium.
islandicus. N.W.T.
Tanytarsus islandica Malloch, 1934: 17.—N.W.T.
lapponicus. Man.; PA.
Tanytarsus lapponicus Lindeberg, 1970: 310.—Finland.
limneticus. Alta., La.
Tanytarsus limneticus Sublette, 1964b: 146.—La.

mendax. B.C., Man., N. Mex. to La., N.C., S.C.; PA.
Tanytarsus mendax Kieffer, 1925b: 223.—Germany.
Tanytarsus holochlorus Edwards, 1929: 414.—England.
Tanytarsus xanthus Sublette, 1964b: 142.—La.

muticus. N.Y., Wis., Ill., Ohio, Colo.
Tanytarsus muticus Johannsen, 1905: 294.—N.Y.

nemorosus. Man.; PA.
Tanytarsus nemorosus Edwards, 1929: 416.—England.

neoflavellus. Man., S. Dak., Okla., N.Y., Ill., Ohio, s. to Tex. & Fla.
Tanytarsus neoflavellus Malloch, 1915b: 489.—Ill.

niger. N.W.T., Grld.; PA.
Tanytarsus niger Andersen, 1937: 40.—Grld.

norvegicus. N.W.T.; PA.
Fournieria norvegica Kieffer, 1924a: 394.—Norway.

pallidicornis. N. Mex.; PA.
Chironomus pallidicornis Walker, 1956a: 169.—England.

quadratus. N. Mex. to N.C., s. to Fla.
Tanytarsus quadratus Sublette, 1964b: 144.—La.

quadridentatus. Man.; PA.
Tanytarsus quadridentatus Brundin, 1947: 75.—Sweden.

recens. N. Mex. to N.C., s. to Fla.
Tanytarsus recens Sublette, 1964b: 143.—La.

signatus. Ont., N.Y.; PA.
Chironomus signatus Wulp, 1858: 169.—Netherlands.

tibialis. Ont.
Tanytarsus tibialis Webb, 1969: 100.—Ont.

trilobus. Ont.
Tanytarsus trilobus Webb, 1969: 99.—Ont.

usmaensis. Man.; PA.
Tanytarsus usmaënsis Pagast, 1931: 232.—U.S.S.R.

varelus. Pa.
Calopsectra varela Roback, 1957a: 128.—Pa.

Incerta sedis in Tanytarsus
Chironomus flabellatus Meigen, 1818: 51.— Not NE.
Chironomus flavellus Zetterstedt, 1838: 816.— Probably not NE.
Chironomus pusio Meigen, 1830: 256.—Not NE.

Genus ZAVRELIA Kieffer
Zavrelia Kieffer in Bause 1913: 73.
Type-species, *pentatoma* Kieffer (mon.).

pentatoma. Not NE.
Zavrelia pentatoma Kieffer in Bause, 1913: 75.—Czechoslovakia.

Unnamed species.—B.C., Ont., N.B., N.S.

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